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# The Patent Office Record

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CIPO OPIC

# THE CANADIAN PATENT OFFICE RECORD
# LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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# Notices

## 1. Dates and Code Numerals Appearing in Patent Headings

### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date ( Re-Issued, Re-Examined )
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

# Avis

## 1. Dates et chiffres de code figurant à l'entête des brevets

### Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

### Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction ( Redélivrance, Réexamen )
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

## 2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

## 3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

| | |
|---|---|
| Item 25.1* On requesting copy in electronic form of a document: | N/A |
| a) for each request | $10 |
| b) plus, for each patent or application to which the request relates | $10 |
| c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first | $10 |
| d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes | $10 |

## 3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

| | |
|---|---|
| Article 25.1* Demande d'une copie d'un document sous forme électronique : | S.O. |
| a) pour chaque demande | 10 $ |
| b) pour chaque demande de brevet ou brevet visé par la demande | 10 $ |
| c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel | 10 $ |
| d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur | 10 $ |

## 4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

## 4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

## 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

## 5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

## 6. Licensing of Patents

**Voluntary Licences**
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

**Compulsory Licences**
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

## 6. Octroi de licences en vertu des brevets

**Licences librement accordées**
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

**Licences obligatoires**
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

## 7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

## 7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

## 8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

## 8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

## 9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

## 9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

## 10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

## 10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

## 11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

| | |
|---|---|
| 1. **Transmittal Fee** (Rule 14) | **$300** |
| 2. **International Filing Fee** | **$1708*** |
| For each additional sheet over 30 | **$19** |
| 3. **International Search Fee** | **$1600** |

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

## 11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

| | |
|---|---|
| 1. **Taxe de transmission** (Règle 14) | **300 $** |
| 2. **Taxe de dépôt internationale** | **1708 $*** |
| Pour chaque feuille au delà de 30 | **19 $** |
| 3. **Taxe de recherche internationale** | **1600 $** |

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

**4. Late payment fee**
**50% of the fees that are due, or,**
**Minimum: Transmittal fee**
**Maximum: 50% of the international filing fee**

**Preliminary Examination**

**5. Handling fee** (Rule 57.2(*a*)) **$257**

**6. Preliminary examination fee** (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

**4. Taxe pour paiement tardif**
**50% du montant impayé, ou,**
**Minimum : taxe de transmission**
**Maximum : 50% de la taxe de dépôt international**

**Examen préliminaire**

**5. Taxe de traitement** (Règle 57.2*a*)) **257 $**

**6. Taxe d'examen préliminaire** (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

## 12. PCT Notices

### Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

## 12. Avis PCT

### Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

## 13. Practice Notice

### LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

**Note:** *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

## 13. Énoncé de pratique

### LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

**Nota :** *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

## 14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

**This notice will replace all previous notices regarding Correspondence Procedures.**

**Note:** *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

### 1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

## 14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

**Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.**

**Nota :** *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

### 1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

**1.1 Designated Establishments**

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

**1.1 Établissements désignés**

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

## 1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

## 1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

**2. Electronic Correspondence**

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

**2. Correspondance électronique**

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

### 2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

#### Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

### 2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

#### Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

### 2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

#### Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

### 2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

#### Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

**Canada as Receiving Office Under the PCT: PCT-SAFE**

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

**Note:** Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

**Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT**

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

**Note**: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

**Trademarks**

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

**Marques de commerce**

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

**Copyright**

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

**Droits d'auteur**

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

**Industrial Designs**

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

**Dessins industriels**

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

**Integrated Circuit Topographies**

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

**Topographies de circuits intégrés**

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

## 2.3 Electronic medium

### Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

## 2.3 Supports électroniques

### Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

**Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings**

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

**Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences**

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

**Electronic Media accepted by the Patent Office**

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

**Supports électroniques acceptés par le Bureau des brevets**

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

### 3. Details concerning the electronic formats accepted

#### Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

### 3. Précisions concernant les formats électroniques acceptés

#### Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

**Industrial Design**

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

**Dessins industriels**

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

## 4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

## 4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

## 5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

## 5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

### Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

### Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

**Time limits under the Patent and Trade-marks Acts**

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

**Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce**

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

**Time limits under the Patent Cooperation Treaty**

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

**Délais prévus dans le Traité de coopération en matière de brevets**

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

**Provincial and Territorial Holidays**

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

**Jours fériés provinciaux ou territoriaux**

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

**When CIPO's Offices are closed for business**

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

**Jours de fermeture des bureaux de l'OPIC au public**

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

**6. Procedures in case of an unexpected office closure at CIPO**

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

**6. Procédures en cas de fermeture des bureaux**

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

**7. Procedures when CIPO is open for business but clients are unable to communicate with the Office**

**7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture**

**Patents, Industrial Design, Copyright and Integrated Circuit Topography**

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

**Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés**

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

**Trademarks**

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

**Marques de commerce**

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

**8. Intellectual property acts, rules and regulations**

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

**8. Lois, règles et règlements sur la propriété intellectuelle**

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

## 15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 25, 2018 contains applications open to public inspection from September 9, 2018 to September 15, 2018.

## 15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 25 septembre 2018 contient les demandes disponibles au public pour consultation pour la période du 9 septembre 2018 au 15 septembre 2018.

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**September 25, 2018**

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[54] **METHOD AND APPARATUS FOR CONTROLLING AN ELECTRONIC DEVICE DISPLAY FOR PRESENTING INFORMATION ON SAID DISPLAY**
[54] **METHODE ET APPAREIL DE COMMANDE D'AFFICHAGE D'UN DISPOSITIF ELECTRONIQUE POUR LA PRESENTATION D'INFORMATION SUR CET AFFICHAGE**
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[73] BLACKBERRY LIMITED, CA
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[54] **ZINC-BASED COMPOSITIONS AND METHODS OF USE**
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[54] **PHYTOSEIID MITE REARING METHODS AND METHODS FOR BIOLOGICAL PEST CONTROL**
[54] **METHODES D'ELEVAGE DE MITES PHYTOSEIIDES ET METHODES DE CONTROLE DE NUISIBLES BIOLOGIQUE**
[72] BOLCKMANS, KAREL JOZEF FLORENT, BE
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[54] **NASAL DELIVERY DEVICE FOR DELIVERING SUBSTANCE TO A NASAL CAVITY OF A SUBJECT**
[54] **DISPOSITIF D'ADMINISTRATION NASALE SERVANT A ADMINISTRER UNE SUBSTANCE DANS UNE CAVITE NASALE D'UN SUJET**
[72] DJUPESLAND, PER GISLE, NO
[72] SHELDRAKE, COLIN DAVID, GB
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[54] **IMPROVED DRUG OR PHARMACEUTICAL COMPOUNDS AND A PREPARATION THEREOF**
[54] **MEDICAMENT OU COMPOSES PHARMACEUTIQUES AMELIORES ET PREPARATION ASSOCIEE**
[72] KRISHNAN, RAMU, IN
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[54] **SYSTEMS AND METHODS FOR SECURE PIN-BASED TRANSACTIONS VIA A HOST BASED PIN PAD**
[54] **SYSTEMES ET METHODES APPLICABLES AUX TRANSACTIONS SECURISEES A BASE DE NIP, VIA UN CLAVIER D'IDENTIFICATION PERSONNELLE GERE PAR L'HOTE**
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[54] **APPAREIL DE MESURE DU DEBIT SANGUIN ET APPAREIL DE MESURE DE L'ACTIVITE CEREBRALE EMPLOYANT LEDIT APPAREIL**
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[54] **PROCEDE D'ANCRAGE D'UN ELEMENT DE JONCTION DANS UN OBJET ET ELEMENT DE JONCTION A UTILISER DANS UN TEL PROCEDE**
[72] CLINCH, COLIN, GB
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[72] JENSEN ZOFFMANN, SANNAH, CH
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[54] **METHOD AND APPARATUS FOR PROVIDING SIGNATURES OF AUDIO/VIDEO SIGNALS AND FOR MAKING USE THEREOF**
[54] **PROCEDE ET APPAREIL POUR LA FOURNITURE DE SIGNATURES DE SIGNAUX AUDIO ET/OU VIDEO ET LEUR UTILISATION**
[72] CARRIERES, PASCAL, CA
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[54] **METHOD AND APPARATUS FOR ORGANIZING SEGMENTS OF MEDIA ASSETS AND DETERMINING RELEVANCE OF SEGMENTS TO A QUERY**
[54] **METHODE ET DISPOSITIF PERMETTANT D'ORGANISER DES SEGMENTS DE FOND MULTIMEDIA ET DE DETERMINER LA PERTINENCE DES SEGMENTS EN RAPPORT AVEC UNE REQUETE**
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[54] **MODULE D'INTERFACE TANGENTIEL A RAYON REDUIT**
[72] GOSLING, GEOFF, CA
[72] SMED, MOGENS, CA
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[72] SIDDERS, BENJAMIN, GB
[72] STOKER, NEIL GRAHAM, GB
[72] EWER, KATIE, GB
[73] THE SECRETARY OF STATE FOR ENVIRONMENT, FOOD & RURAL AFFAIRS, GB
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[72] MADDESS, TEDDY LEE, AU
[72] JAMES, ANDREW CHARLES, AU
[73] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
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[72] JACKSON, RANDY, US
[72] WAYMAN, CHRISTOPHER EDWARD, US
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[72] FILIPPOV, ANDREY V., US
[72] REDING, BRUCE WARREN, US
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[54] **PROCEDES DE STABILISATION DE PROTEINES ET DE POLYPEPTIDES**
[72] JONNIAUX, JEAN-LUC, BE
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[72] STANSSENS, PATRICK, BE
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[54] **DISPOSITIF ET PROCEDE VISANT A DISSIPER LA CRAINTE DE L'OBSCURITE ET DES ENTITES IMAGINAIRES NEFASTES Y ASSOCIEES CHEZ LES ENFANTS**
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[54] **PROCEDES POUR LE TRAITEMENT ET LA PREVENTION D'UN DYSFONCTIONNEMENT RETINIEN LIE A L'AGE**
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[72] PALCZEWSKI, KRZYSZTOF, US
[73] UNIVERSITY OF WASHINGTON, US
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[54] **SYSTEMES NON INVASIFS ET PROCEDES DE PHOTOBIOMODULATION IN SITU**
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[54] **EXPOSITION D'UN SUPPORT A UN CHAMP ELECTRIQUE EN VUE DE DETRUIRE OU D'INACTIVER DES MICRO-ORGANISMES**
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[72] DRAGHIA-AKLI, RUXANDRA, US
[72] PRIGGE, JON, US
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[72] WEINER, DAVID B., US
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[72] PALLONE, ANTHONY, FR
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[72] WALKER, BRYANT EDWARD, US
[72] RONK, WARREN ROSAL, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] BEAUJOT, PATRICK, CA
[72] RUSSET, RICHARD L., CA
[72] HIGGINS, ROBERT J., CA
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[54] **AMELIORATIONS DANS L'EXTRACTION D'ENERGIE DES VAGUES OCEANIQUES**
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[73] WAVE POWER RENEWABLES LIMITED, HK
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[54] **SURVEILLANCE DE L'ENTRETIEN D'UNE LIGNE ELECTRIQUE**
[72] LANCASTER, MARK, US
[73] SOUTHWIRE COMPANY, LLC, US
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[54] **PROCEDE DE DETERMINATION D'UN DOSAGE DE LIANT DU PHOSPHORE POUR UN PATIENT DIALYSE**
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[72] LIPPS, BENJAMIN J., US
[72] KOTANKO, PETER, US
[72] LEVIN, NATHAN W., US
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[54] **COMPOSITIONS ET PROCEDES POUR INHIBER L'EXPRESSION DE LA TRANSTHYRETINE**
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[72] HINKLE, GREGORY, US
[72] ALVAREZ, RENE, US
[72] MILSTEIN, STUART, US
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[54] **COMPOSITION DE VACCIN MULTIVALENT**
[72] BECK, MICHAEL, US
[72] HAYES, PHILLIP WAYNE, US
[72] KNITTEL, JEFFREY P., US
[73] BOEHRINGER INGELHEIM VETMEDICA, INC., US
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[54] **PLAQUE D'ACCUMULATEUR PLOMB-OXYDE (DE PLOMB) AVEC MAT NON TISSE EN FIBRE DE VERRE**
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[72] WELLER, DAVID E., US
[73] JOHNS MANVILLE, US
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[54] **GESTION DE LA MOBILITE BASEE SUR UN RAPPORT DE DEFAILLANCE DE LIAISON RADIO**
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[72] TENNY, NATHAN E., US
[73] QUALCOMM INCORPORATED, US
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[54] **ALLIAGES D'ALUMINIUM RESISTANTS A LA CORROSION AYANT DES QUANTITES ELEVEES DE MAGNESIUM ET LEURS PROCEDES DE FABRICATION**
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[72] TOMES, DAVID A., JR, US
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[73] GESTION MCD INC., CA
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[54] **SYSTEME D'INJECTION D'AIR POUR BAIN HYDROMASSEUR**
[72] BRUNELLE, HENRY, CA
[72] GENDREAU, LOUIS, CA
[72] GRENIER, DANNY, CA
[72] BAILLARGEON, GUY, CA
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[54] **PROTOZOAIRE MODIFIE EXPRIMANT AU MOINS DEUX PROTEINES DE SURFACE VARIABLES (VSP), VACCIN LE COMPRENANT ET PROTOCOLES, UTILISATIONS ET PROCEDES ASSOCIES**
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[73] UNIVERSIDAD CATOLICA DE CORDOBA, AR
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[54] **SYSTEME ADAPTATEUR POUR ECG ET METHODE CONNEXE**
[72] COGGINS, SCOTT R., US
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[54] **BIOSYNTHESE D'ACIDE CMP-LEGIONAMINIQUE DE FRUCTOSE-6-P, ET VOIES INTERMEDIAIRES RESPECTIVES, EN UTILISANT DE NOUVEAUX PRECURSEURS GDP-LIES**
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[54] **SURVEILLANCE ET CONTROLE D'UNE INSTALLATION DE CONVERSION VISANT A AMELIORER L'EFFICACITE**
[72] CHEEWAKRIENGKRAI, ARINEE, TH
[72] JUGANDA, ENGKUN WAHJUDI, ID
[72] BUDIARSO, ID
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[73] DART CONTAINER CORPORATION, US
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[54] **CONTENANT INVIOLABLE**
[72] NIKAEIN, BEHDOKHT, CA
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[54] **DISPOSITIFS DE SURVEILLANCE SANS FIL IMPLANTABLES A BASE D'ENDOPROTHESE MINIATURES**
[72] CHOW, ERIC Y., US
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[54] **OBTURATEURS SANS LAME ET ELEMENTS D'OBTURATEURS SANS LAME**
[72] FISCHVOGT, GREGORY, US
[72] SMITH, ROBERT C., US
[73] TYCO HEALTHCARE GROUP LP, US
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[72] GLASS, CHARLES A., US
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[72] LAW, ANNA HING-YEE, CN
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[72] SANKEY, JOHN TODD, CA
[73] ENBALA POWER NETWORKS INC., CA
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[73] INTERVENTCO, LLC, US
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[72] KRIES, ANDY R., US
[72] WORTHINGTON, ROBERT J., US
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[72] AGASHE, PARAG ARUN, US
[72] WEI, YONGBIN, US
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[72] LUO, TAO, US
[72] VAJAPEYAM, MADHAVAN SRINIVASAN, US
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[72] MACDONALD, DUNCAN CHARLES, US
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[72] WEILER, SOLLY, US
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[54] **SYSTEME ET PROCEDE POUR UN METANAVIGATEUR INTERNET POUR DES UTILISATEURS AYANT DES HANDICAPS**
[72] SELIGER, JONATHAN, CA
[72] SANDLER, MANNY, CA
[72] LUN, VERNON, CA
[72] LEE, ANTHONY WARREN, CA
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[54] **COMPOSITIONS DE CONDITIONNEMENT DE LA PEAU RENFERMANT DE L'ACIDE 12-HYDROXYSTEARIQUE**
[72] ZHANG, QIQING, CN
[72] KHOSHDEL, EZAT, GB
[72] MOADDEL, TEANOOSH, US
[72] DOBKOWSKI, BRIAN JOHN, US
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[72] GHOLAMI-SHABANI, FARHAD, CA
[72] CROTEAU, DIANNE BEVERLY, CA
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[54] **NEW PROCESS FOR THE SYNTHESIS OF TAPENTADOL AND INTERMEDIATES THEREOF**
[54] **NOUVEAU PROCEDE POUR LA SYNTHESE DE TAPENTADOL ET SES INTERMEDIAIRES**
[72] MOTTA, GIUSEPPE, IT
[72] VERGANI, DOMENICO, IT
[72] BERTOLINI, GIORGIO, IT
[72] LANDONI, NICOLA, IT
[73] EUTICALS SPA, IT
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[54] **PURIFICATION DE POSACONAZOLE ET INTERMEDIAIRES POUR LA PREPARATION DE POSACONAZOLE**
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[72] PISE, ABHINAY C., IN
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[54] **PROCEDE DE FABRICATION D'UN RACCORD DE GALERIE SURMOULE**
[72] SEMAN, RICHARD F., SR., US
[72] CHRISTIAN, EARL, JR., US
[72] BLUE, WILLIAM, US
[72] GARDNER, SCOTT R., US
[72] HOCHSTETLER, WILLIAM SHANE, US
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[72] AUGUSTINE, MATTHEW S., US
[72] BURKHARDT, JOHN, US
[72] LAMBERT, BRIAN M., US
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[54] **ENSEMBLE DE BOTTE**
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[54] **PARTICULES POREUSES D'OXYDE INORGANIQUE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] KRETZSCHMAR, MARKUS, DE
[72] HERRIG, HORST, DE
[73] GRACE GMBH, DE
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[54] **COMPOSITION ANTI-OXYDANTE SYNERGIQUE**
[72] JOURDAIN, LAURELINE, CH
[72] SAGALOWICZ, LAURENT, CH
[73] NESTEC S.A., CH
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[54] DISPERSIONS DE POLYMERES DE COMPOSES VINYLIQUES AROMATIQUES ET DE MONOMERES D'ACRYLATES PREPAREES EN PRESENCE DE LATEX SEMENCE ET DE COMPOSES D'HYDRATE DE CARBONE
[72] SCHMIDT-THUEMMES, JUERGEN, DE
[72] EVSTATIEVA, ELITSA, DE
[72] MOREL, AURELIE, FR
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[72] GILLESPIE, JONATHAN WILIAM, US
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[72] KAO, STEPHEN, US
[73] VENITI, INC., US
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[54] COMPOSITION HERBICIDE SYNERGIQUE CONTENANT DU CLOPYRALIDE ET DU FLORASULAME
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[73] DOW AGROSCIENCES LLC, US
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[72] HOLMBERG, PAER HENNING, SE
[72] JANSSON, KARL-ERIK, SE
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[54] **METHOD AND DEVICE FOR MANUFACTURING COMPOSITE PRODUCTS COMPRISING A PLANAR PORTION**
[54] **PROCEDE ET DISPOSITIF POUR LA FABRICATION DE PRODUITS COMPOSITES COMPRENANT UNE PARTIE PLANE**
[72] KREMERS, MARCUS ANTONIUS IVONNE, NL
[73] AIRBORNE INTERNATIONAL B.V., NL
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[54] **NOUVELLE UTILISATION DE L'ICARIINE ET FLAVONOIDES D'EPIMEDIUM CONTENANT DE L'ICARIINE**
[72] LI, LIN, CN
[72] YIN, LIN LIN, CN
[72] LIN, LI LI, CN
[72] ZHANG, LAN, CN
[72] WANG, WEN, CN
[72] ZHANG, RU YI, CN
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[54] **BEVERAGE DISPENSING SYSTEM WITH APPARATUS FOR CONTROLLING FOAMING AND FLOW RATE**
[54] **SYSTEME DE DISTRIBUTION DE BOISSONS AYANT UN APPAREIL PERMETTANT DE CONTROLER LE MOUSSAGE ET LE DEBIT**
[72] TRULASKE, JAMES A., US
[72] SCHMITT, STEPHEN M., US
[73] ANHEUSER-BUSCH, LLC, US
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[54] **PROCEDES ET APPAREILS POUR PRENDRE EN CHARGE DES MESURES INTER-FREQUENCES**
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[72] KAZMI, MUHAMMAD, SE
[72] MULLER, WALTER, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[73] BLACKHAWK NETWORK, INC., US
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[54] **SUBSTRAT DE STRUCTURE A TROIS COUCHES ET PATCH ADHESIF CONTENANT DE L'EAU COMPRENANT CE DERNIER**
[72] SHIRAI, SADANOBU, JP
[72] INAZUKI, MASAHIRO, JP
[72] ISHIGURE, MIHO, JP
[72] ISODA, HIDEO, JP
[72] SAKAMOTO, HIROYUKI, JP
[72] KOIDA, TAKASHI, JP
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[54] **BARRE D'ALIMENT ENTRELACEE ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] BUFTON, ANDREW, GB
[73] CADBURY UK LIMITED, GB
[85] 2012-12-20
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[54] **UTILISATION DE L'ACIDE CAFTARIQUE ET SES DERIVES DANS UN COMPLEMENT ALIMENTAIRE POUR REGULER LA PIGMENTATION DE LA PEAU**
[72] GUITARD, MARJORIE, CH
[72] BEL RHLID, RACHID, CH
[72] MOODYCLIFFE, ANGUS, CH
[72] DIONISI, FABIOLA, CH
[73] NESTEC S.A., CH
[73] L'OREAL, FR
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[54] **SYSTEME D'EOLIENNE POUR LA DETECTION DU GIVRAGE DES PALES**
[72] LAURITSEN, STEEN M., DK
[72] MIRANDA, ERIK CARL LEHNSKOV, DK
[73] VESTAS WIND SYSTEMS A/S, DK
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[54] **COMPOUNDS FOR THE INHIBITION OF CELLULAR PROLIFERATION**
[54] **COMPOSES POUR INHIBER LA PROLIFERATION CELLULAIRE**
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[72] AKTAS, BERTAL HUSEYIN, US
[72] HALPERIN, JOSE A., US
[72] WAGNER, GERHARD, US
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **ENSEMBLE VENTILATEUR D'ECHAPPEMENT TUBULAIRE EN LIGNE**
[72] KHALITOV, DANIEL, US
[72] MCCLURE, ANDREW W., US
[73] TWIN CITY FAN COMPANIES, LTD., US
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[54] **ACCES A UN APPAREIL PHOTOGRAPHIQUE EN SURVERROUILLAGE**
[72] BANDYOPADHYAY, SHAMIK, US
[72] BARNETT, DONALD A., US
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[72] LAW, VERONICA Y., US
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[72] SENGUPTA, TIRTHANKAR, US
[72] TYAMAGUNDLU, DIVYA, US
[72] BILAL, AHMAD, US
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[54] **INHIBITEURS DE L'ALDOSE REDUCTASE ET LEURS UTILISATIONS**
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[72] LANDRY, DONALD W., US
[72] DENG, SHI XIAN, US
[72] RAMASAMY, RAVICHANDRAN, US
[72] SCHMIDT, ANN MARIE, US
[72] MYLARI, BANAVARA L., US
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[54] **COMBINATION DOLLY-PALLET**
[54] **COMBINAISON DE CHARIOT ET DE PALETTE**
[72] STUBBS, EDWARD JOHN PETER, GB
[73] LOADHOG LIMITED, GB
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[54] **SIMULTANEOUS PRECONCENTRATION AND PRESELECTION OF AT LEAST ONE GROUP OF UPGRADABLE POLYMER MATERIALS ORIGINATING FROM GRINDING WASTE OF DURABLE GOODS AT END OF LIFE**
[54] **PRE-CONCENTRATION ET PRESELECTION SIMULTANEE D'AU MOINS UN GROUPE DE MATERIAUX POLYMERES VALORISABLES PROVENANT DE DECHETS DE BROYAGE DE BIENS DURABLES EN FIN DE VIE**
[72] DE FERAUDY HUGUES, FR
[72] SEINERA HENRI, FR
[73] GALLOO PLASTICS, FR
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[54] **RACCORD LUER**
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[72] NIELSEN, CAMERON JAMES, US
[72] PETERSON, BART DAVID, US
[72] MCKINNON, AUSTIN JASON, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **DISPOSITIF MEDICAL**
[72] RUDDENKLAU, DAVID IAN, GB
[72] ROBERTS, PAUL CHRISTOPHER, GB
[72] GREEN, ALAN EDWARD, GB
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **METHOD FOR SUSPENDING PARTICLES IN ALCOHOLIC LIQUID COMPOSITION AND CORRESPONDING LIQUID COMPOSITION**
[54] **PROCEDE PERMETTANT DE SUSPENDRE DES PARTICULES DANS UNE COMPOSITION LIQUIDE ALCOOLISEE ET COMPOSITION LIQUIDE CORRESPONDANTE**
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[72] DOYLE, DAVID, CA
[73] PERNOD RICARD, FR
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[54] **APPAREIL ET PROCEDES DE GESTION D'UNE MEMOIRE SE RAPPORTANT A UN WIDGET**
[72] MANDYAM, GIRIDHAR D., US
[72] SURYANARAYANA, LALITHA B.S., US
[72] BERNARD, CHRISTOPHE G., US
[72] HUNTER, KEVIN E., US
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[54] **AIDE CULINAIRE**
[72] KRAUCH, JOSE, DE
[72] HANGARTER, PETER, DE
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[54] **UTILISATION D'INHIBITEURS DE PORPHOBILINOGENE DESAMINASE DANS LE TRAITEMENT DE LA PORPHYRIE ERYTHROPOIETIQUE CONGENITALE**
[72] MILLET AGUILAR-GALINDO, OSCAR, ES
[72] LAIN TORRE, ANA, ES
[73] ASOCIACION CENTRO DE INVESTIGACION COOPERATIVA EN BIOCIENCIAS-CIC BIOGUNE, ES
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[54] **INHIBITION OF INFLAMMATION BY SIMULTANEOUS BLOCKADE OF MULTIPLE PROSTANOID RECEPTORS**
[54] **INHIBITION D'INFLAMMATION PAR BLOCAGE SIMULTANE DES RECEPTEURS MULTIPLES DES PROSTANOIDES**
[72] WANG, JENNY W., US
[72] WOODWARD, DAVID F., US
[72] NI, MING, US
[72] MARTOS, JOSE L., GB
[72] CARLING, WILLIAM R., GB
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[25] EN
[54] **INTEGRATED CIRCUIT WITH PROGRAMMABLE LOGIC ANALYZER, ENHANCED ANALYZING AND DEBUGGING CAPABILITIES AND METHOD**
[54] **CIRCUIT INTEGRE COMPRENANT UN ANALYSEUR LOGIQUE PROGRAMMABLE A FONCTIONS D'ANALYSE ET DE DEBOGAGE AMELIOREES ET PROCEDE ASSOCIE**
[72] BAILEY, JAMES RAY, US
[72] CASE, CHRISTOPHER WILSON, US
[72] SHARPE, JAMES PATRICK, US
[73] LEXMARK INTERNATIONAL, INC., US
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[54] **PREPARATIONS LIQUIDES DE ST-246 ET PROCEDES**
[72] TYAVANAGIMATT, SHANTHAKUMAR R., US
[72] STONE, MELIALANI A. C. L., US
[72] WEIMERS, WILLIAM C., US
[72] KASI, GOPI KRISHNA, US
[72] SAMUEL, PETER N. K., US
[72] BOLKEN, TOVE' C., US
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[73] SIGA TECHNOLOGIES, INC., US
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[54] **TRAITEMENT DES LESIONS PROVOQUEES PAR UNE PENETRATION DU CERVEAU**
[72] TYMIANSKI, MICHAEL, CA
[72] LU, PETER S., US
[72] GARMAN, JOHATHAN DAVID, CA
[73] NONO INC., CA
[85] 2013-02-08
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[54] **A DEVICE AND METHOD FOR COLLECTING A BLOOD SAMPLE**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE RECUEILLIR UN ECHANTILLON DE SANG**
[72] PETERSON, BART D., US
[72] DAVIS, BRYAN G., US
[72] MCKINNON, AUSTIN JASON, US
[73] BECTON, DICKINSON AND COMPANY, US
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[30] US (61/365,388) 2010-07-19
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[25] EN
[54] **IMPROVING TEREPHTHALIC ACID PURGE FILTRATION RATE BY CONTROLLING % WATER IN FILTER FEED SLURRY**
[54] **TAUX DE FILTRATION DE PURGE D'ACIDE TEREPHTHALIQUE AMELIORE PAR COMMANDE DU POURCENTAGE D'EAU DANS UNE BOUE D'ALIMENTATION DE FILTRE**
[72] PARKER, KENNY RANDOLPH, US
[73] GRUPO PETROTEMEX, S.A. DE C.V., MX
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[54] **SYSTEME DE PROTECTION D'UNE UNITE D'INFORMATIONS CRYPTEE**
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[72] ZHAO, GANSEN, CN
[73] UNIVERSITETET I STAVANGER, NO
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[54] **ANTICORPS ANTI-NGF ET LEUR UTILISATION**
[72] BARBON, JEFFREY A., US
[72] CHHAYA, MEHA, US
[72] FUNG, EMMA, US
[72] HUTCHINS, CHARLES W., US
[72] LANG, DIANE M., US
[72] BARLOW, EVE H., US
[72] LEDDY, MARY, US
[72] CHARI, RAVI, US
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[25] EN
[54] **PROCESS OF MANUFACTURING A STABLE SOFTGEL CAPSULE CONTAINING MICROENCAPSULATED PROBIOTIC BACTERIA**
[54] **PROCEDE DE FABRICATION D'UNE CAPSULE MOLLE STABLE CONTENANT DES BACTERIES PROBIOTIQUES MICRO-ENCAPSULEES**
[72] VALLA, CLAUDIA, IT
[72] BERTOLAMI, ROSA, IT
[72] ROSINA, GIOVANNI, IT
[72] HELSON, KAREN, GB
[73] R.P. SCHERER TECHNOLOGIES, LLC, US
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[25] EN
[54] **SYSTEM FOR THERMALLY CONTROLLING AN ELECTRONIC DISPLAY WITH REDUCED NOISE EMISSIONS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE COMMANDER THERMIQUEMENT UN AFFICHAGE ELECTRONIQUE PRESENTANT DES EMISSIONS DE BRUIT REDUITES**
[72] DUNN, WILLIAM R., US
[72] HUBBARD, TIM, US
[72] BEDELL, WARE, US
[73] MANUFACTURING RESOURCES INTERNATIONAL, INC., US
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[54] **DERIVES TRIAZOLOPYRAZINE**
[72] BURGDORF, LARS, DE
[72] SCHULTZ, MELANIE, DE
[72] DEUTSCH, CARL, DE
[72] COMAS, HORACIO, CH
[72] SWINNEN, DOMINIQUE, FR
[72] POMEL, VINCENT, FR
[72] GAILLARD, PASCALE, FR
[72] HODOUS, BRIAN, US
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[54] **DERIVES DE FUROPYRIDINE**
[72] BURGDORF, LARS, DE
[72] SCHULTZ, MELANIE, DE
[72] HOFMANN, TATJANA, DE
[72] HODOUS, BRIAN, US
[72] POTNICK, JUSTIN, US
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[72] HUCK, BAYARD R., US
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[25] EN
[54] **BLOCK FOR USE IN CONSTRUCTING A RETAINING WALL WITH IMPROVED FEATURES**
[54] **BLOC POUR UTILISATION DANS LA CONSTRUCTION D'UN MUR DE SOUTENEMENT A CARACTERISTIQUES AMELIOREES**
[72] PACITTO, JEFFREY, CA
[72] PIGNATELLI, JONATHAN, CA
[73] BEST WAY STONE LIMITED, CA
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[87] (2809704)
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[51] **Int.Cl. A61B 17/15 (2006.01)**
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[54] **POSITIONING APPARATUS AND METHOD FOR A PROSTHETIC IMPLANT**
[54] **APPAREIL ET PROCEDE DE POSITIONNEMENT D'IMPLANT DE PROTHESE**
[72] IANNOTTI, JOSEPH P., US
[72] BARSOUM, WAEL K., US
[72] BRYAN, JASON ALLEN, US
[73] THE CLEVELAND CLINIC FOUNDATION, US
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[54] **ESSAI DE DETECTION DE MUTATION**
[72] ZOU, HONGZHI, US
[72] LIDGARD, GRAHAM P., US
[72] DOMANICO, MICHAEL J., US
[72] ALLAWI, HATIM, US
[73] EXACT SCIENCES DEVELOPMENT COMPANY, LLC, US
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[54] **DETECTION OPTIQUE DE L'ENFONCEMENT D'UN ECRAN TACTILE**
[72] PEMBERTON-PIGOTT, NIGEL PATRICK, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-15
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[54] **SURPRESSEUR DE VOLUME AVEC SYSTEME DE COMPENSATION A BRUIT REDUIT**
[72] LOVELL, MICHEL KEN, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[25] EN
[54] **CONVERSION OF VEGETABLE OILS TO BASE OILS AND TRANSPORTATION FUELS**
[54] **CONVERSION D'HUILES VEGETALES EN HUILES DE BASE ET CARBURANTS POUR LE TRANSPORT**
[72] MILLER, STEPHEN JOSEPH, US
[73] CHEVRON U.S.A. INC., US
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[25] EN
[54] **LIQUID MENISCUS LENS INCLUDING VARIABLE VOLTAGE ZONES**
[54] **LENTILLE CONVEXO-CONCAVE LIQUIDE COMPRENANT DES ZONES DE TENSION VARIABLES**
[72] PUGH, RANDALL B., US
[72] OTTS, DANIEL B., US
[72] TONER, ADAM, US
[72] KERNICK, EDWARD R., US
[72] RIALL, JAMES DANIEL, US
[72] SNOOK, SHARIKA, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[25] EN
[54] **DEVICE AND METHOD FOR RETRIEVING A CAPSULE FROM A BEVERAGE PRODUCTION APPARATUS**
[54] **DISPOSITIF ET PROCEDE POUR EXTRAIRE UNE CAPSULE D'UN APPAREIL DE FABRICATION DE BOISSON**
[72] ETTER, STEFAN, CH
[73] NESTEC S.A., CH
[85] 2013-03-25
[86] 2011-08-19 (PCT/EP2011/064300)
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[30] EP (10180617.2) 2010-09-28
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[54] **LIGHTWEIGHT CARPET PRODUCTS AND METHOD OF MANUFACTURE THEREOF**
[54] **TAPIS LEGERS ET LEUR PROCEDE DE FABRICATION**
[72] SALSMAN, ROBERT KEITH, US
[73] BEAULIEU GROUP, LLC, US
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[54] **FASTENERS SUPPORTED BY A FASTENER CARTRIDGE SUPPORT**
[54] **ATTACHES SUPPORTEES PAR UN SUPPORT DE CARTOUCHE D'ATTACHES**
[72] RIESTENBERG, PAUL F., US
[72] SWAYZE, JEFFREY S., US
[72] MORGAN, JEROME R., US
[72] SHELTON, FREDERICK E., IV, US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **SURGICAL STAPLING INSTRUMENT WITH INTERCHANGEABLE STAPLE CARTRIDGE ARRANGEMENTS**
[54] **INSTRUMENT D'AGRAFAGE CHIRURGICAL POURVU D'ORGANES INTERCHANGEABLES DE SUPPORT DE CARTOUCHES D'AGRAFES**
[72] MORGAN, JEROME R., US
[72] SHELTON, FREDERICK E., IV, US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **COLOR CONTROL PATTERN FOR THE OPTICAL MEASUREMENT OF COLORS PRINTED ON A SHEET OR WEB SUBSTRATE BY MEANS OF A MULTICOLOR PRINTING PRESS AND USES THEREOF**
[54] **MOTIF DE CONTROLE DE COULEUR POUR LA MESURE OPTIQUE DE COULEURS IMPRIMEES SUR UNE FEUILLE OU UN SUBSTRAT EN BANDE A L'AIDE D'UNE PRESSE D'IMPRESSION MULTICOLORE ET SES UTILISATIONS**
[72] TURKE, THOMAS, CH
[72] WILLEKE, HARALD HEINRICH, DE
[72] LANTERNIER, JEAN-BAPTISTE, FR
[73] KBA-NOTASYS SA, CH
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[54] **AMMONIACAL COPPER ZINC ARSENATE CONCENTRATES AND METHODS OF PREPARATION**
[54] **CONCENTRES AMMONIACAUX D'ARSENIATE DE CUIVRE ET DE ZINC ET PROCEDES DE PREPARATION**
[72] PATEL, JAYESH P., US
[72] KUSWANTO, GLORIANA, US
[73] ARCH WOOD PROTECTION, INC., US
[85] 2013-04-04
[86] 2011-10-14 (PCT/US2011/056237)
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[25] EN
[54] **REDUCED SUGAR COATING COMPRISING RESISTANT STARCH AND MANUFACTURING METHOD**
[54] **ENROBAGE A TENEUR REDUITE EN SUCRE CONTENANT DE L'AMIDON RESISTANT ET SON PROCEDE DE FABRICATION**
[72] VANDE GIESSEN, TIMOTHY, US
[72] SCHONAUER, SYLVIA, US
[72] KINCAID, JAMES, US
[72] NEMETH, KATHERINE, US
[72] STEELE, MARY, US
[72] ALMEIDA, HELBERT, US
[72] TANOJO, ALIEEN, US
[73] KELLOGG COMPANY, US
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[54] **PROCESS FOR THE SEMI-CONTINUOUS TRANSVINYLATION OF CARBOXYLIC ACIDS WITH VINYL ACETATE**
[54] **PROCEDE DE TRANSVYNILATION SEMI-CONTINUE D'ACIDES CARBOXYLIQUES AVEC DE L'ACETATE DE VINYLE**
[72] KOTSIANIS, ILIAS, US
[72] KIMMICH, BARBARA F. M., US
[72] MEILCHEN, MELCHIOR A., US
[72] WANG, HANG, US
[72] BARVE, PRASHANT P., IN
[72] KULKARNI, BHASKAR D., IN
[72] CHAPHEKAR, GOPAL M., IN
[72] SHINDE, RAVINDRA W., IN
[72] GUPTE, MILIND Y., IN
[72] KAMBLE, SANJAY P., IN
[72] SHINTRE, SATISH N., IN
[73] CELANESE INTERNATIONAL CORPORATION, US
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[54] **NOVEL TREATMENT OF MULTIPLE SCLEROSIS (MS)**
[54] **NOUVEAU TRAITEMENT DE LA SCLEROSE EN PLAQUES (MS)**
[72] TEGEDER, IRMGARD, DE
[72] GEISSLINGER, GERD, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2013-05-03
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[25] EN
[54] **BALL-SHAPED TOILET BLOCKS BASED ON ANIONIC SURFACTANTS**
[54] **BLOCS WC SPHERIQUES A BASE D'AGENTS TENSIOACTIFS ANIONIQUES**
[72] SCHIEDEL, MARC-STEFFEN, DE
[72] GIESEN, BRIGITTE, DE
[72] ERNST, ANKE, DE
[72] REICHERT, CHRISTIAN, DE
[72] CAPPLEMAN, ROBERT STEPHEN, DE
[72] HORN, MICHAEL, DE
[73] HENKEL AG & CO. KGAA, DE
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[54] **AGRICULTURAL PESTICIDE COMPOSITIONS**
[54] **COMPOSITIONS DE PESTICIDE AGRICOLE**
[72] WU, DAN, US
[72] SHANMUGANANDAMURTHY, KRISHNAMURTHY, US
[72] GOYAL, RAJESH, US
[72] BRAMATI, VALERIO, IT
[73] RHODIA OPERATIONS, FR
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[25] EN
[54] **METHOD AND DEVICE FOR OUTPUT OF MINERAL MATERIAL FROM A DRUM MILL**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UNE MATIERE MINERALE A PARTIR D'UN MOULIN A TAMBOUR**
[72] MACINNES, DON, CA
[72] CIUTINA, SEVER, AU
[73] METSO MINERALS (SWEDEN) AB, SE
[85] 2013-05-14
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[54] **WIRELESS DOWNHOLE UNIT**
[54] **UNITE DE FOND DE PUITS SANS FIL**
[72] HALLUNDBAEK, JORGEN, DK
[72] LARSEN, JESPER OLUF, DK
[73] WELLTEC A/S, DK
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[54] **THERAPEUTIC USE OF COMPOUNDS**
[54] **UTILISATION THERAPEUTIQUE DE COMPOSES**
[72] WILLIAMS, ROBIN SIMON BROOKE, GB
[72] WALKER, MATTHEW, GB
[73] UCL BUSINESS PLC, GB
[85] 2013-05-24
[86] 2011-11-24 (PCT/GB2011/001646)
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[54] **POSITIONING APPARATUS FOR BIOMEDICAL USE**
[54] **APPAREIL DE POSITIONNEMENT POUR UTILISATION BIOMEDICALE**
[72] CHAUVETTE, GUILLAUME, CA
[72] SEVIGNY, CHARLES, CA
[73] CONMED CORPORATION, US
[85] 2013-06-06
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[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING/DECODING MOTION VECTOR**
[54] **PROCEDE ET APPAREIL DE CODAGE/DECODAGE D'UN VECTEUR MOUVEMENT**
[72] LEE, TAMMY, KR
[72] HAN, WOO-JIN, KR
[72] LEE, KYO-HYUK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2820905)
[87] (2820905)
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[25] EN
[54] **PET CONTAINERS WITH ENHANCED THERMAL PROPERTIES AND PROCESS FOR MAKING SAME**
[54] **RECIPIENTS EN PET PRESENTANT DES PROPRIETES THERMIQUES ACCRUES ET LEUR PROCEDE DE FABRICATION**
[72] SILVERS, KERRY W., US
[72] SCHNEIDER, MARK D., US
[72] BOBROV, SERGEY B., US
[72] EVINS, SAMUEL E., US
[73] GRAHAM PACKAGING PET TECHNOLOGIES INC., US
[85] 2013-06-07
[86] 2011-12-15 (PCT/US2011/065118)
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[25] EN
[54] **LUBRICATING OIL COMPOSITIONS CONTAINING STERICALLY HINDERED AMINES AS ASHLESS TBN SOURCES**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE CONTENANT DES AMINES A EMPECHEMENT STERIQUE EN TANT QUE SOURCES D'ACIDE DE BASICITE TOTALE SANS CENDRES**
[72] BERA, TUSHAR K., US
[72] HARTLEY, JOSEPH P., GB
[72] LI, GUIFENG, US
[72] CANDIDO, GABRIELE, GB
[72] GULACSY, CHRISTINA E., US
[73] INFINEUM INTERNATIONAL LIMITED, GB
[86] (2821189)
[87] (2821189)
[22] 2013-07-17
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[25] EN
[54] **VALVE APPARATUS**
[54] **DISPOSITIF DE SOUPAPE**
[72] SHEPPARD, JEFF, CA
[72] BETTIO, DARIO, CA
[72] BHATIA, SACHIN, CA
[73] DANA CANADA CORPORATION, CA
[85] 2013-06-20
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[25] EN
[54] **STACK OF IMPROVED FUEL CELLS AND ELECTRIC POWER GENERATOR COMPRISING SAID STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE AMELIOREES ET GENERATEUR D'ENERGIE ELECTRIQUE COMPRENANT CET EMPILEMENT**
[72] CHERCHI, PIERPAOLO, IT
[72] MERCANTE, LUCA, IT
[72] GIANOLIO, GIUSEPPE, IT
[72] ROSSO, ILARIA, IT
[72] BONA, DENIS, IT
[73] ELECTRO POWER SYSTEMS S.P.A., IT
[85] 2013-06-25
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[25] EN
[54] **CONTOURED BONE PLATE FOR FRACTURE FIXATION HAVING HOOK MEMBERS AND HOLDER/IMPACTOR FOR SAME**
[54] **PLAQUE D'OSTEOSYNTHESE PROFILEE POUR FIXATION DE FRACTURE POURVUE D'ELEMENTS D'ACCROCHAGE ET DISPOSITIF DE RETENUE/IMPACTEUR POUR CELLE-CI**
[72] MEDOFF, ROBERT J., US
[72] SHIN, ALEXANDER Y., US
[73] TRIMED, INCORPORATED, US
[86] (2823403)
[87] (2823403)
[22] 2013-08-09
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[51] **Int.Cl. A61B 17/92 (2006.01)**
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[54] **HOLDER/IMPACTOR FOR CONTOURED BONE PLATE FOR FRACTURE FIXATION**
[54] **DISPOSITIF DE RETENUE/IMPACTEUR POUR PLAQUE D'OSTEOSYNTHESE PROFILEE POUR FIXATION DE FRACTURE**
[72] MEDOFF, ROBERT J., US
[72] SHIN, ALEXANDER Y., US
[73] TRIMED, INCORPORATED, US
[86] (2823410)
[87] (2823410)
[22] 2013-08-09
[30] US (13/598,234) 2012-08-29

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[51] **Int.Cl. B23P 6/00 (2006.01) F01D 5/00 (2006.01) F01D 5/06 (2006.01)**
[25] EN
[54] **METHOD FOR REPAIRING COMPRESSOR OR TURBINE DRUMS**
[54] **PROCEDE DE REPARATION DE TAMBOURS DE COMPRESSEUR OU DE TURBINE**
[72] WEISS, ELKE, DE
[72] KAPPMEYER, GREGOR, DE
[72] STAPPENBECK, FLORIAN, DE
[73] ROLLS-ROYCE DEUTSCHLAND LTD & CO KG, DE
[85] 2013-06-28
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[54] **ANTICORPS MONOCLONAL THERAPEUTIQUE ANTI-IL-1R1 HUMAIN**
[72] VARNUM, BRIAN, US
[72] VEZINA, CHRIS, US
[72] WITTE, ALISON, US
[72] QIAN, XUEMING, US
[72] MARTIN, FRANCIS HALL, US
[72] HUANG, HAICHUN, US
[72] ELLIOTT, GARY, US
[73] AMGEN INC., US
[73] E. R. SQUIBB & SONS, L.L.C., US
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[54] **IMPROVED PROCESS FOR PREPARATION OF LOW MOLECULAR WEIGHT MOLYBDENUM SUCCINIMIDE COMPLEXES**
[54] **PROCEDE DE PREPARATION AMELIORE DE COMPLEXES DE SUCCINIMIDE DE MOLYBDENE DE FAIBLE POIDS MOLECULAIRE**
[72] NELSON, KENNETH D., US
[72] HARRISON, JAMES J., US
[72] ROGERS, PAULA, US
[72] HOSSEINI, MITRA, US
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2013-07-09
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[25] EN
[54] **INTERIOR WALL CAP FOR USE WITH AN EXTERIOR WALL OF A BUILDING STRUCTURE**
[54] **CAPUCHON DE MUR INTERIEUR DESTINE A ETRE UTILISE AVEC UN MUR EXTERIEUR D'UNE STRUCTURE D'IMMEUBLE**
[72] BURGESS, BRUCE HAROLD, US
[73] MULL-IT-OVER PRODUCTS, US
[85] 2013-07-11
[86] 2012-01-12 (PCT/US2012/021076)
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[30] US (61/461,383) 2011-01-18
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[25] EN
[54] **ADJUSTABLE CARRIAGE**
[54] **CHARIOT REGLABLE**
[72] JABER, HANI, AU
[72] WANG, LI, AU
[73] CHLOCK ENGINEERING PTY LTD, AU
[85] 2013-07-12
[86] 2011-02-17 (PCT/AU2011/000159)
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[25] EN
[54] **DIARYLACETYLENE HYDRAZIDE CONTAINING TYROSINE KINASE INHIBITORS**
[54] **INHIBITEURS DE TYROSINE KINASE CONTENANT UN DIARYLACETYLENE HYDRAZIDE**
[72] THENNATI, RAJAMANNAR, IN
[72] ATKINSON, JONATHAN DAVID MARK, GB
[72] SENGUPTA, PRABAL, IN
[72] CHOKSHI, HEMANT ASHVINBHAI, IN
[72] PURI, CHETAN SURJITSINGH, IN
[72] CHIMANWALA, SABBIRHUSEN YUSUFBHAI, IN
[72] MEHTA, VARUN ANILKUMAR, IN
[72] DESAI, DIPALI MANUBHAI, IN
[72] CHITTURI, TRINADHA RAO, IN
[73] SUN PHARMA ADVANCED RESEARCH COMPANY LTD., IN
[85] 2013-07-22
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[87] (WO2012/098416)
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[25] EN
[54] **BARBS FOR FIXATION OF BIOLOGIC PLASTICS**
[54] **ARDILLONS POUR FIXATION DE MATIERES PLASTIQUES BIOLOGIQUES**
[72] CAMPBELL, PHIL G., US
[72] SMITH, JASON, US
[72] WEISS, LEE E., US
[72] WEST, ALAN, US
[73] CARMELL THERAPEUTICS CORPORATION, US
[85] 2013-07-24
[86] 2012-01-25 (PCT/US2012/022534)
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[25] EN
[54] **COATING COMPOSITION COMPRISING SUBMICRON CALCIUM CARBONATE-COMPRISING PARTICLES, PROCESS TO PREPARE SAME AND USE OF SUBMICRON CALCIUM CARBONATE-COMPRISING PARTICLES IN COATING COMPOSITIONS**
[54] **COMPOSITION DE REVETEMENT COMPRENANT DES PARTICULES SUBMICRONIQUES CONTENANT DU CARBONATE DE CALCIUM, SON PROCEDE DE PREPARATION ET UTILISATION DESDITES PARTICULES SUBMICRONIQUES CONTENANT DU CARBONATE DE CALCIUM DANS DES COMPOSITIONS DE REVETEMENT**
[72] MCJUNKINS, JOSEPH, US
[72] FREEMAN, CHARLES, US
[73] OMYA INTERNATIONAL AG, CH
[85] 2013-07-24
[86] 2012-02-23 (PCT/EP2012/053089)
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[30] US (61/446,006) 2011-02-23

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[25] EN
[54] **RESUMABLE PRIVATE BROWSING SESSION**
[54] **SESSION DE NAVIGATION PRIVEE POUVANT ETRE REPRISE**
[72] CELEBISOY, BERK C., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-07-29
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[25] EN
[54] **INTERMEDIATE NETWORK IN A RING TOPOLOGY AND METHOD FOR SETTING UP A NETWORK CONNECTION BETWEEN TWO NETWORK DOMAINS**
[54] **RESEAU INTERMEDIAIRE DE TOPOLOGIE ANNULAIRE ET PROCEDE DE CREATION D'UNE LIAISON DE RESEAU ENTRE DEUX DOMAINES D'UN RESEAU**
[72] RIEDL, JOHANNES, DE
[72] SCHEFFEL, MATTHIAS, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2013-08-12
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[54] **DISPOSITIF BUCCAL**
[72] FELLUS, PATRICK ANDRE, FR
[73] FELLUS, PATRICK ANDRE, FR
[85] 2013-08-23
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[25] EN
[54] **PROSTHETIC VALVE WITH AN ELASTIC STENT AND A SEALING STRUCTURE**
[54] **VALVE PROSTHETIQUE DOTEE D'UNE ENDOPROTHESE ELASTIQUE ET D'UNE STRUCTURE D'ETANCHEISATION**
[72] LASHINSKI, RANDALL T., US
[72] BISHOP, GORDON B., US
[73] DFM, LLC, US
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[87] (2828619)
[22] 2005-05-05
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[30] US (60/581,664) 2004-06-21
[30] US (60/586,005) 2004-07-07
[30] US (60/586,006) 2004-07-07
[30] US (60/586,054) 2004-07-07
[30] US (60/586,055) 2004-07-07
[30] US (60/586,110) 2004-07-07
[30] US (60/586,002) 2004-07-07
[30] US (60/588,106) 2004-07-15
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[25] EN
[54] **LIGHT EMITTING DEVICE WITH ADJUSTABLE LIGHT OUTPUT PROFILE**
[54] **DISPOSITIF ELECTROLUMINESCENT DOTE D'UN PROFIL DE FLUX LUMINEUX REGLABLE**
[72] NICHOL, ANTHONY JOHN, US
[72] COLEMAN, ZANE ARTHUR, US
[72] PUCYLOWSKI, SHAWN MICHAEL, US
[73] FLEX LIGHTING II, LLC, US
[85] 2013-09-06
[86] 2012-03-09 (PCT/US2012/028578)
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[30] US (61/450,711) 2011-03-09

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[51] **Int.Cl. A01K 61/65 (2017.01) A01K 61/10 (2017.01) B63B 21/00 (2006.01) B63B 21/04 (2006.01) B63B 35/34 (2006.01) E01D 15/14 (2006.01)**
[25] EN
[54] **CONNECTION ELEMENT FOR A MOORING SYSTEM AND USE OF THE CONNECTION ELEMENT**
[54] **ELEMENT DE CONNEXION DE SYSTEME D'AMARRAGE ET UTILISATION DE L'ELEMENT DE CONNEXION**
[72] ELSTAD, TROND, NO
[72] ASKELAND, YNGVE, NO
[73] MORENOT AS, NO
[85] 2013-10-17
[86] 2012-04-25 (PCT/NO2012/050076)
[87] (WO2012/154054)
[30] NO (20110697) 2011-05-10
[30] NO (20120444) 2012-04-16

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[51] **Int.Cl. A23L 2/54 (2006.01) B01F 3/04 (2006.01) B01F 5/06 (2006.01)**
[25] EN
[54] **SOLUBILIZATION OF CARBON DIOXIDE IN WATER USING HIGH ENERGY IMPACT**
[54] **APPAREILS, SYSTEMES ET PROCEDES POUR SOLUBILISER EFFICACEMENT LE DIOXYDE DE CARBONE DANS L'EAU EN UTILISANT UN IMPACT DE HAUTE ENERGIE**
[72] FANTAPPIE, GIANCARLO, US
[73] APIQE INC, US
[85] 2013-10-31
[86] 2011-04-24 (PCT/US2011/033709)
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[25] EN
[54] **MASSAGE DEVICE AND MOUNTING BODY**
[54] **DISPOSITIF DE MASSAGE ET CORPS DE MONTAGE**
[72] JOHNSON, RONALD B., US
[73] JOHNSON, RONALD B., US
[85] 2013-11-12
[86] 2013-01-23 (PCT/US2013/022651)
[87] (WO2013/112521)
[30] US (13/358,291) 2012-01-25
[30] US (13/438,775) 2012-04-03
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[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **FLEXIBLE DISPLAY FLEXURE ASSEMBLY**
[54] **ENSEMBLE DE FLEXION DE DISPOSITIF D'AFFICHAGE FLEXIBLE**
[72] BOHN, DAVID D., US
[72] FLECK, ROD G., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2013-11-26
[86] 2012-06-02 (PCT/US2012/040617)
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[25] FR
[54] **SUCTION VALVE DEVICE FOR RELEASING GAS FROM A MOULD**
[54] **DISPOSITIF DE VANNE D'ASPIRATION POUR L'EVACUATION DE GAZ D'UN MOULE**
[72] BIGGER, RENE, CH
[72] BAGNOUD, CHRISTOPHE, CH
[73] V.D.S. VACUUM DIECASTING SERVICE S.A., CH
[85] 2013-11-27
[86] 2012-06-01 (PCT/IB2012/052781)
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[25] EN
[54] **METHODS FOR HANDLING BIOLOGICAL DRUGS CONTAINING LIVING CELLS**
[54] **PROCEDES DE MANIPULATION DE MEDICAMENTS BIOLOGIQUES CONTENANT DES CELLULES VIVANTES**
[72] HAR-NOY, MICHAEL, IL
[73] IMMUNOVATIVE THERAPIES, LTD., IL
[85] 2013-12-02
[86] 2012-05-02 (PCT/US2012/036103)
[87] (WO2012/151266)
[30] US (61/481,991) 2011-05-03
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[25] EN
[54] **IMAGE CODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING METHOD AND IMAGE DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] SASAI, HISAO, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SUGIO, TOSHIYASU, JP
[72] TANIKAWA, KYOKO, JP
[72] MATSUNOBU, TORU, JP
[72] TERADA, KENGO, JP
[73] TAGIVAN II LLC, US
[85] 2013-12-03
[86] 2012-11-06 (PCT/JP2012/007095)
[87] (WO2013/069255)
[30] US (61/556,398) 2011-11-07

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[13] C
[51] **Int.Cl. C07D 257/04 (2006.01)**
[25] EN
[54] **ENERGETIC ACTIVE COMPOSITION COMPRISING A DIHYDROXYLAMMONIUM SALT OR DIAMMONIUM SALT OF A BISTETRAZOLEDIOL**
[54] **MASSE ENERGETIQUE ACTIVE COMPRENANT UN SEL D'HYDROXYLE D'AMMONIUM OU SEL DE DIAMMONIUM D'UN BIS-TETRAZOLE-DIOL**
[72] KLAPOTKE, THOMAS M., DE
[72] FISCHER, NIKO, DE
[72] FISCHER, DENNIS, DE
[72] PIERCEY, DAVIN G., DE
[72] STIERSTORFER, JORG, DE
[72] REYMANN, MARIUS, DE
[73] BAYERISCHE PATENTALLIANZ GMBH, DE
[85] 2013-12-12
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[30] DE (10 2011 081 254.7) 2011-08-19
[30] DE (10 2011 120 745.0) 2011-12-08
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[25] EN
[54] **METHOD OF MAKING A STRUCTURE COMPRISING COATING STEPS AND CORRESPONDING STRUCTURE AND DEVICES**
[54] **PROCEDE DE PRODUCTION D'UNE STRUCTURE COMPRENANT DES ETAPES DE REVETEMENT ET STRUCTURE ET DISPOSITIFS CORRESPONDANTS**
[72] TOPPING, ALEXANDER JOHN, GB
[72] LANE, PETER DRYSDALE, GB
[73] POWER ROLL LIMITED, GB
[85] 2013-12-23
[86] 2011-06-23 (PCT/GB2011/051184)
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[25] EN
[54] **NOVEL SULFONAMIDE COMPOUNDS FOR INHIBITION OF METASTATIC TUMOR GROWTH**
[54] **NOUVEAUX COMPOSES DE SULFONAMIDE DESTINES A L'INHIBITION DE LA CROISSANCE TUMORALE METASTATIQUE**
[72] SUPURAN, CLAUDIU, IT
[72] DEDHAR, SHOUKAT, CA
[72] MCDONALD, PAUL C., CA
[72] CARTA, FABRIZIO, IT
[73] WELICHEM BIOTECH INC., CA
[85] 2014-01-08
[86] 2011-06-22 (PCT/CA2011/000727)
[87] (WO2012/021963)
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[25] EN
[54] **AXLE LIFT ASSEMBLY**
[54] **MECANISME DE LEVAGE D'ESSIEU**
[72] HICKS, WILLIAM, US
[72] GREER, GARY, CA
[72] KAREL, JONATHON, US
[73] SAF-HOLLAND, INC., US
[86] (2841698)
[87] (2841698)
[22] 2014-02-04
[30] US (61/767,029) 2013-02-20
[30] US (13/966,789) 2013-08-14

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[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING THE FLIGHT SAFETY**
[54] **SYSTEME ET METHODE D'AMELIORATION DE LA SECURITE DES VOLS**
[72] CHI, HONG, CN
[72] XU, BAOGUANG, CN
[72] QI, MINGLIANG, CN
[72] ZANG, NINGNING, CN
[72] SHAO, XUEYAN, CN
[72] GAO, MINGANG, CN
[72] SHI, BIAO, CN
[72] TAN, XIANCHUN, CN
[73] AIR CHINA LIMITED, CN
[73] INSTITUTE OF POLICY AND MANAGEMENT, CHINESE ACADEMY OF SCIENCES, CN
[86] (2841779)
[87] (2841779)
[22] 2014-02-04
[30] CN (201310049949.6) 2013-02-07

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[51] **Int.Cl. F16F 7/00 (2006.01) B60K 26/02 (2006.01) F16F 15/121 (2006.01) G05G 5/00 (2006.01)**
[25] EN
[54] **DAMPER**
[54] **AMORTISSEUR**
[72] KUMAZAWA, KATSUTOSHI, JP
[72] YOSHIMOTO, DAISUKE, JP
[73] OILES CORPORATION, JP
[85] 2014-01-31
[86] 2012-05-16 (PCT/JP2012/062485)
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[30] JP (2011-190176) 2011-08-31

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[13] C
[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **AUTHORIZATION OF CASH DELIVERY**
[54] **AUTORISATION DE REGLEMENT EN ESPECES**
[72] LICCIARDELLO, DONALD C., US
[72] TAGGART, RUSH, US
[72] LICCIARDELLO, JOHN D., US
[72] LICCIARDELLO, DEBRA LYNN, US
[73] ACE SERIES A. HOLDCO LLC, US
[85] 2014-02-19
[86] 2011-08-25 (PCT/US2011/049172)
[87] (WO2012/027585)
[30] US (61/376,908) 2010-08-25

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[13] C
[51] **Int.Cl. E05B 17/00 (2006.01) E05B 15/00 (2006.01)**
[25] EN
[54] **ADJUSTMENT PLATE GAUGE INSERT AND ADAPTER FOR HANDS-FREE LOCK INSTALLATION**
[54] **JAUGE RAPPORTEE A PLAQUE DE REGLAGE ET ADAPTATEUR POUR INSTALLATION DE VERROU MAINS LIBRES**
[72] WALLS, BRIAN E., US
[72] SHELINBARGER, RICH D., US
[72] WELSBY, SCOTT D., US
[72] MALENKOVIC, PETER, US
[73] SCHLAGE LOCK COMPANY LLC, US
[86] (2846929)
[87] (2846929)
[22] 2014-03-17
[30] US (61/793,214) 2013-03-15

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[54] **ASSISTED CERTIFICATE ENROLLMENT**
[54] **AIDE A L'INSCRIPTION PAR CERTIFICAT**
[72] SHERKIN, ALEXANDER, CA
[72] CARRARA, MICHAEL ANTHONY, CA
[72] TRUSKOVSKY, ALEXANDER, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-03-19
[86] 2012-07-16 (PCT/CA2012/050486)
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[51] **Int.Cl. C08J 5/22 (2006.01)**
[25] EN
[54] **ION EXCHANGE COMPOSITIONS, METHODS FOR MAKING AND MATERIALS PREPARED THEREFROM**
[54] **COMPOSITIONS POUR ECHANGE D'IONS, PROCEDES DE FABRICATION ET MATERIAUX AINSI PRODUITS**
[72] MACDONALD, RUSSELL JAMES, US
[72] GUDIPATI, CHAKRAVARTHY, SG
[72] ZHANG, KAI, SG
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-03-25
[86] 2012-09-05 (PCT/US2012/053770)
[87] (WO2013/052227)
[30] US (13/253,227) 2011-10-05

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[13] C
[51] **Int.Cl. B64C 11/18 (2006.01) B64C 27/467 (2006.01) F01D 5/14 (2006.01)**
[25] FR
[54] **BLADE FOR A FAN OF A TURBOMACHINE, NOTABLY OF THE UNDUCTED FAN TYPE, CORRESPONDING FAN AND CORRESPONDING TURBOMACHINE**
[54] **PALE POUR UNE HELICE DE TURBOMACHINE, NOTAMMENT A SOUFFLANTE NON CARENEE, HELICE ET TURBOMACHINE CORRESPONDANTES**
[72] VION, LAURENCE, FR
[72] DELATTRE, GREGORY, FR
[72] JACQUIN, LAURENT, FR
[72] RODRIGUEZ, BENOIT, FR
[72] BOISARD, RONAN, FR
[72] ORTUN, BIEL, FR
[72] FALISSARD, FABRICE, FR
[73] SNECMA, FR
[73] ONERA, FR
[85] 2014-03-26
[86] 2012-09-28 (PCT/FR2012/052202)
[87] (WO2013/045859)
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[25] EN
[54] **BROMOFLUOROCARBON COMPOSITIONS**
[54] **COMPOSITIONS A BASE DE BROMOFLUOROCARBONE**
[72] GRIFFITH, KRIS, US
[73] AMERICAN PACIFIC CORPORATION, US
[85] 2014-04-04
[86] 2012-10-05 (PCT/US2012/059031)
[87] (WO2013/052850)
[30] US (61/632,406) 2011-10-07

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[25] EN
[54] **NUTRIENT COMPOSITION FOR BIOLOGICAL SYSTEMS**
[54] **COMPOSITION DE SUBSTANCES NUTRITIVES POUR DES SYSTEMES BIOLOGIQUES**
[72] WISSING, ALBERTUS, DE
[72] BUHLER, GUNNAR, DE
[72] GRAF, CHRISTIAN, DE
[72] SCHWARZ, KILIAN, DE
[72] RAPPHAHN, MICHAEL, DE
[73] CHEMISCHE FABRIK BUDENHEIM KG, DE
[85] 2014-05-27
[86] 2012-12-21 (PCT/EP2012/076734)
[87] (WO2013/093042)
[30] DE (10 2011 056 815.8) 2011-12-21

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[51] **Int.Cl. B23K 11/11 (2006.01) B23K 11/20 (2006.01) B23K 11/30 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR JOINING DISSIMILAR MATERIALS**
[54] **APPAREIL ET PROCEDES PERMETTANT D'ASSEMBLER DES MATERIAUX DISSEMBLABLES**
[72] SPINELLA, DONALD J., US
[73] ARCONIC INC., US
[85] 2014-06-12
[86] 2012-12-20 (PCT/US2012/071044)
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[30] US (61/578,634) 2011-12-21

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[25] EN
[54] **CEILING PANELS MADE FROM CORRUGATED CARDBOARD**
[54] **PANNEAUX DE PLAFOND REALISES A PARTIR DE CARTON ONDULE**
[72] YU, QING CLAIRE, US
[72] ENGLERT, MARK, US
[73] USG INTERIORS, LLC, US
[85] 2014-07-31
[86] 2013-02-11 (PCT/US2013/025492)
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[51] **Int.Cl. A61C 8/00 (2006.01) A61B 17/56 (2006.01)**
[25] EN
[54] **GUIDE TUBE POSITIONING METHOD IN POLYMERIC MATERIAL PLATE, TOMOGRAPHIC REFERENCE SUPPORT AND GUIDE TUBE POSITIONING DEVICE**
[54] **PROCEDE DE POSITIONNEMENT DE TUBE GUIDE SUR UNE PLAQUE DE MATERIAU POLYMERE, SUPPORT REFERENTIEL TOMOGRAPHIQUE ET DISPOSITIF DE POSITIONNEMENT DE TUBE GUIDE**
[72] RODRIGUES MACHADO, ASBEL, BR
[72] FERREIRA RANGEL, EDER, BR
[72] FERREIRA RANGEL, KEULER, BR
[73] RODRIGUES MACHADO, ASBEL, BR
[73] FERREIRA RANGEL, EDER, BR
[73] FERREIRA RANGEL, KEULER, BR
[85] 2014-10-03
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[30] US (13/445,464) 2012-04-12

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[51] **Int.Cl. B29C 45/26 (2006.01) B29C 33/34 (2006.01) B29C 45/17 (2006.01)**
[25] EN
[54] **MOLD FOR VEHICLE BUMPER FASCIA AND ASSOCIATED MOLDING TECHNIQUE**
[54] **MOULE POUR BANDE DE PARE-CHOCS DE VEHICULE ET TECHNIQUE DE MOULAGE ASSOCIEE**
[72] FUJIWARA, KAZUHISA, US
[72] SUWA, RIKIYA, US
[72] WOJNIAK, CHAD, US
[72] ABE, TAKASHI, US
[72] MIZUKAMI, YOUHEI, US
[73] HONDA MOTOR CO., LTD., JP
[85] 2014-10-22
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[51] **Int.Cl. C12N 9/42 (2006.01)**
[25] EN
[54] **ENDOGLUCANASES WITH IMPROVED PROPERTIES**
[54] **ENDOGLUCANASES AYANT DES PROPRIETES AMELIOREES**
[72] REISINGER, CHRISTOPH, DE
[72] CLAREN, JORG, DE
[72] UNTERSTRASSER, ISABEL, DE
[72] MITROVIC, ALEKSANDRA, AT
[72] FLICKER, KARLHEINZ, DE
[72] GEBHARD, GABI, DE
[73] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE
[85] 2014-10-28
[86] 2013-04-30 (PCT/EP2013/058985)
[87] (WO2013/164340)
[30] EP (12166458.5) 2012-05-02

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[13] C
[51] **Int.Cl. H02K 7/02 (2006.01) H02K 7/09 (2006.01)**
[25] EN
[54] **SCALABLE APPARATUS AND ARRANGEMENT FOR STORING AND RELEASING ENERGY**
[54] **DISPOSITIF ET AGENCEMENT ADAPTABLE POUR STOCKER ET FOURNIR DE L'ENERGIE**
[72] BOFFO, CRISTIAN, DE
[72] STEINMANN, JOCHEN, DE
[72] WALTER, WOLFGANG, DE
[72] REVILAK, PHILIPP, DE
[72] AMEND, JOHANNES, DE
[72] ZOLLER, HILMAR, DE
[73] BABCOCK NOELL GMBH, DE
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[25] EN
[54] **SINGLE PANEL SIDING PRODUCT**
[54] **PRODUIT DE PAREMENT A PANNEAU UNIQUE**
[72] STEFFES, STEPHEN W., US
[72] KIRN, BRIAN W., US
[72] STUCKY, DAVID J., US
[73] CERTAINTEED CORPORATION, US
[86] (2875534)
[87] (2875534)
[22] 2014-12-18
[30] US (61/917553) 2013-12-18

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[51] **Int.Cl. G01P 5/00 (2006.01) B64D 43/02 (2006.01)**
[25] EN
[54] **AIRSPEED CALCULATION SYSTEM FOR AN AIRCRAFT**
[54] **MECANISME DE CALCUL DE LA VITESSE ANEMOMETRIQUE D'UN AERONEF**
[72] LUO, JIA, US
[73] THE BOEING COMPANY, US
[86] (2875708)
[87] (2875708)
[22] 2014-12-22
[30] US (14/209,661) 2014-03-13

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[13] C
[51] **Int.Cl. B65D 88/60 (2006.01)**
[25] EN
[54] **APPARATUS FOR REMOVING MATERIAL FROM A CONTAINER AND CONTAINER THEREWITH**
[54] **APPAREIL DE RETRAIT DE MATERIAU D'UN CONTENANT ET CONTENANT EQUIPE DE CE DERNIER**
[72] DIXON, OLIVER, GB
[73] DIXON, OLIVER, GB
[85] 2014-12-09
[86] 2012-06-08 (PCT/GB2012/051300)
[87] (WO2012/168730)
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[25] EN
[54] **RECOMBINANT DNA ELEMENTS FOR THE EXPRESSION OF RECOMBINANT PROTEINS IN A HOST CELL**
[54] **ELEMENTS ADN RECOMBINANTS POUR L'EXPRESSION DE PROTEINES RECOMBINANTES DANS UNE CELLULE HOTE**
[72] GOMEZ SEBASTIAN, SILVIA, ES
[72] LOPEZ VIDAL, JAVIER, ES
[72] MARTINEZ ESCRIBANO, JOSE ANGEL, ES
[73] ALTERNATIVE GENE EXPRESSION S.L., ES
[85] 2014-12-11
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[25] EN
[54] **MULTIPHASE SEPARATION SYSTEM**
[54] **SYSTEME DE SEPARATION MULTIPHASE**
[72] GRAVE, EDWARD J., US
[72] BYMASTER, ADAM S., US
[72] FOWLER, TRACY A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-12-30
[86] 2013-05-01 (PCT/US2013/039089)
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[30] US (61/676,753) 2012-07-27

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[13] C
[51] **Int.Cl. A01D 34/04 (2006.01)**
[25] EN
[54] **AGRICULTURAL IMPLEMENT FOR REAPING AND WINDROWING**
[54] **ACCESSOIRE AGRICOLE DESTINE AU FAUCHAGE ET A L'ANDAINAGE**
[72] BERTINO, LUIZ HENRIQUE, BR
[73] INDUSTRIAS REUNIDAS COLOMBO LTDA., BR
[85] 2015-01-09
[86] 2013-02-15 (PCT/BR2013/000048)
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[30] BR (BR 1020120256150) 2012-10-08

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[51] **Int.Cl. F16L 3/22 (2006.01) A63C 19/10 (2006.01) F16L 1/06 (2006.01) F25C 3/02 (2006.01) F28F 9/013 (2006.01)**
[25] EN
[54] **RINK CHAIR SUPPORT SECTION WITH COUPLING MEANS**
[54] **SECTION DE SUPPORT DE SIEGE POUR PATINOIRE DOTEE DE MECANISMES DE RACCORD**
[72] KOSS, RICK, CA
[73] HUNTER WIRE LIMITED, CA
[86] (2878776)
[87] (2878776)
[22] 2015-01-16

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[51] **Int.Cl. F21V 29/70 (2015.01) F21S 8/02 (2006.01) F21V 7/10 (2006.01) H05B 37/00 (2006.01) H05K 1/02 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **RECESSED LED LIGHT FIXTURE WITHOUT A SECONDARY HEAT SINK**
[54] **LUMINAIRE DEL ENCASTRE SANS PUITS THERMIQUE SECONDAIRE**
[72] O'BRIEN, AARON, US
[72] CHANG, SETH, US
[72] NGUYEN, HUAN, US
[73] CORDELIA LIGHTING INC., US
[86] (2880397)
[87] (2880397)
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[51] **Int.Cl. C10M 149/10 (2006.01) C10M 145/22 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **POLYMER FOR LUBRICANT COMPOSITIONS AND METHOD OF FORMING THE SAME**
[54] **POLYMERE POUR COMPOSITIONS DE LUBRIFIANT ET SON PROCEDE DE FORMATION**
[72] HOEY, MICHAEL D., US
[72] SCANLON, EUGENE F., US
[72] SU, KAI, US
[73] BASF SE, DE
[85] 2015-02-09
[86] 2013-08-14 (PCT/US2013/054866)
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[25] EN
[54] **METHOD FOR SOURCING CURRENT USING AN AUDIO JACK**
[54] **PROCEDE D'APPROVISIONNEMENT EN COURANT A L'AIDE D'UNE PRISE AUDIO**
[72] LAMBA, KARTIK, US
[73] SQUARE, INC., US
[85] 2015-02-10
[86] 2013-08-13 (PCT/US2013/054731)
[87] (WO2014/028492)
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[25] FR
[54] **TREATMENT KIT, TREATMENT DEVICE, AND ASSOCIATED METHOD OF PRODUCTION**
[54] **NECESSAIRE DE TRAITEMENT, DISPOSITIF DE TRAITEMENT ET PROCEDE DE FABRICATION ASSOCIE**
[72] CHAKFE, NABIL, FR
[72] DURAND, BERNARD, FR
[72] MARCHAND, CORALIE, FR
[73] UNIVERSITE DE STRASBOURG, FR
[73] HOPITAUX UNIVERSITAIRES DE STRASBOURG (HUS), FR
[73] UNIVERSITE DE HAUTE ALSACE, FR
[85] 2015-02-27
[86] 2013-09-11 (PCT/EP2013/068834)
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[25] EN
[54] **CHLOROPLAST TRANSIT PEPTIDES FOR EFFICIENT TARGETING OF DMO AND USES THEREOF**
[54] **PEPTIDES DE TRANSIT DE CHLOROPLASTE POUR CIBLAGE EFFICACE DE DMO ET UTILISATION DE CEUX-CI**
[72] FENG, PAUL C.C., US
[72] MALVEN, MARIANNE, US
[72] FLASINSKI, STANISLAW, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2883869)
[87] (2883869)
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[51] **Int.Cl. G01V 13/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VALIDATING A CANDIDATE-MAP FOR A THREE-DIMENSIONAL STRUCTURE USING MOTES**
[54] **METHODE ET SYSTEME DE VALIDATION D'UN PLAN CANDIDAT DESTINE A UNE STRUCTURE TRIDIMENSIONNELLE EMPLOYANT DES PICOTS**
[72] WORTCHE, HEINRICH JOHANNES, NL
[72] TALNISHNIKH, ELENA, NL
[73] INGU SOLUTIONS INC., CA
[86] (2885157)
[87] (2885157)
[22] 2015-03-13
[30] NL (2012483) 2014-03-20

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[25] EN
[54] **NTPROBNP AND CTNT BASED THERAPY GUIDANCE IN HEART FAILURE**
[54] **AIDE AU CHOIX D'UNE THERAPIE DE L'INSUFFISANCE CARDIAQUE SUR LA BASE DU NTPROBNP ET DE LA CTNT**
[72] BLOCK, DIRK, DE
[72] BRAZ, JULIAN, US
[72] BRUNNER, HANS-PETER, CH
[72] CREEDEN, JAMES, CH
[72] LOYDA, HANS-JURGEN, US
[72] WIENHUES-THELEN, URSULA-HENRIKE, DE
[72] ZAUGG, CHRISTIAN, CH
[73] F.HOFFMAN-LA ROCHE AG, CH
[85] 2015-03-27
[86] 2013-11-08 (PCT/EP2013/073399)
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[25] EN
[54] **LIGHT EMITTING DIODE (LED) TORCHIERE LAMP WITH OVERHEAT AND OVERVOLTAGE PROTECTION FUNCTIONS**
[54] **LAMPE TORCHERE A DIODE ELECTROLUMINESCENTE (DEL) DOTEE DE FONCTIONS DE PROTECTION CONTRE LA SURCHAUFFE ET LA SURTENSION**
[72] LIN, SHIH-MING, CN
[73] MODERN HOME LIGHTING, INC., CN
[86] (2886969)
[87] (2886969)
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[51] **Int.Cl. C09D 11/32 (2014.01) B41J 2/01 (2006.01)**
[25] EN
[54] **AQUEOUS INK JET PRINTING INK**
[54] **ENCRE AQUEUSE POUR IMPRESSION PAR JET D'ENCRE**
[72] LEE, FRANK PING-HAY, CA
[72] BRETON, MARCEL P., CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] D'AMATO, MICHAEL J., CA
[72] ABRAHAM, BIBY ESTHER, CA
[73] XEROX CORPORATION, US
[86] (2887969)
[87] (2887969)
[22] 2015-04-09
[30] US (14/256,938) 2014-04-19

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[51] **Int.Cl. E04D 1/12 (2006.01) B32B 3/02 (2006.01)**
[25] EN
[54] **ROOFING SHINGLE SYSTEM AND SHINGLES FOR USE THEREIN**
[54] **SYSTEME DE BARDEAUX DE TOITURE ET BARDEAUX UTILISES DANS CE SYSTEME**
[72] LEITCH, OLAN, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
[86] (2888828)
[87] (2888828)
[22] 2015-04-22
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[51] **Int.Cl. A61F 7/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **MASSAGE DEVICE**
[54] **APPAREIL DE MASSAGE**
[72] YANG, CHENG-CHUAN, TW
[73] YANG, CHENG-CHUAN, TW
[86] (2889230)
[87] (2889230)
[22] 2015-04-24

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[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/444 (2006.01) A61K 31/5025 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **HETEROAROMATIC COMPOUNDS AS PI3 KINASE MODULATORS AND METHODS OF USE**
[54] **COMPOSES HETEROAROMATIQUES A TITRE DE MODULATEURS DES PI3 KINASES ET LEURS METHODES D'UTILISATION**
[72] XI, NING, US
[73] CALITOR SCIENCES, LLC, US
[73] SUNSHINE LAKE PHARMA CO., LTD., CN
[85] 2015-04-23
[86] 2013-11-10 (PCT/US2013/069366)
[87] (WO2014/078211)
[30] US (61/726,139) 2012-11-14

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[51] **Int.Cl. A61K 8/58 (2006.01) A61K 8/28 (2006.01) A61K 8/92 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **SOLID STICK ANTIPERSPIRANT COMPOSITIONS**
[54] **COMPOSITIONS ANTISUDORIFIQUES EN STICK**
[72] STURGIS, DAVID ARTHUR, US
[72] HENLEY, ERIC SHANE, US
[72] GRIFFITH, RANDALL DUDLEY, US
[72] CHU, PHI VAN, US
[72] WUJEK, STEVEN MICHAEL, SR., US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-05-07
[86] 2014-03-12 (PCT/US2014/024166)
[87] (WO2014/165026)
[30] US (61/777,255) 2013-03-12

[11] 2,890,552
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[51] **Int.Cl. F04B 47/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **BALL PLUNGER LIFT SYSTEM FOR HIGH DEVIATED WELLBORES**
[54] **MECANISME DE SOULEVEMENT DE PLONGEUR A BILLE POUR PUITS DE FORAGE A FORTE DEVIATION**
[72] ZIMMERMAN, JEFFREY BRIAN, JR., US
[73] SUPERIOR ENERGY SERVICES, LLC, US
[85] 2015-05-05
[86] 2015-05-04 (PCT/US2015/029027)
[87] (WO2015/171488)
[30] US (61/989,382) 2014-05-06
[30] US (14/702,653) 2015-05-01

[11] 2,890,720
[13] C
[51] **Int.Cl. G06F 12/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DYNAMIC SELECTION OF STORAGE TIERS**
[54] **SELECTION DYNAMIQUE DE NIVEAUX DE STOCKAGE**
[72] THOMAS, NATHAN BARTHOLOMEW, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-05-07
[86] 2013-11-12 (PCT/US2013/069669)
[87] (WO2014/078303)
[30] US (13/675,718) 2012-11-13

[11] 2,897,183
[13] C
[51] **Int.Cl. E02B 11/00 (2006.01)**
[25] EN
[54] **MOISTURE CONTROL GRID**
[54] **GRILLE DE REGULATION DE L'HUMIDITE**
[72] HOLLAND, WAYNE, JR., US
[73] SOURCES UNLIMITED I LLC, US
[85] 2015-07-03
[86] 2013-12-03 (PCT/US2013/072837)
[87] (WO2014/107253)
[30] US (13/734,787) 2013-01-04

[11] 2,897,194
[13] C
[51] **Int.Cl. B29C 70/38 (2006.01) B29C 35/08 (2006.01)**
[25] EN
[54] **INDUCTION HEATING COMPACTION SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE COMPACTION A CHAUFFAGE PAR INDUCTION ET METHODES ASSOCIEES**
[72] BENSON, VERNON M., US
[72] MACHAC, DAVID R., US
[72] LOVELESS, BRYAN J., US
[73] ORBITAL ATK, INC., US
[85] 2015-07-03
[86] 2014-01-03 (PCT/US2014/010138)
[87] (WO2014/107555)
[30] US (13/734,661) 2013-01-04

[11] 2,898,536
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[51] **Int.Cl. A22C 29/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR WASHING, DEVEINING AND PEELING SHRIMP**
[54] **SYSTEME DE LAVAGE, EVEINAGE ET ECALAGE DE CREVETTES**
[72] LIANG, RUE, US
[73] LIANG, RUE, CN
[86] (2898536)
[87] (2898536)
[22] 2015-07-31

[11] 2,899,064
[13] C
[51] **Int.Cl. C09B 67/46 (2006.01) C09D 11/328 (2014.01) B41J 2/01 (2006.01) C09C 3/10 (2006.01) C09K 11/02 (2006.01)**
[25] EN
[54] **ENCAPSULATED TITANIUM DIOXIDE, FLUORESCENT PIGMENTS, AND PIGMENTED POLYURETHANE DISPERSION**
[54] **DIOXYDE DE TITANE ENCAPSULE, PIGMENTS FLUORESCENTS ET DISPERSION DE POLYURETHANE PIGMENTE**
[72] MOORE, KELLEY A., US
[72] BANNING, JEFFERY H., US
[72] YAO, JIAN, US
[72] THOMAS, JULE W., JR., US
[72] GONZALEZ, JESUS, JR., US
[73] XEROX CORPORATION, US
[86] (2899064)
[87] (2899064)
[22] 2015-07-27
[30] US (14/451317) 2014-08-04

[11] 2,899,078
[13] C
[51] **Int.Cl. G10L 21/038 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING A FREQUENCY ENHANCED SIGNAL USING TEMPORAL SMOOTHING OF SUBBANDS**
[54] **APPAREIL ET PROCEDE POUR GENERER UN SIGNAL AMELIORE EN FREQUENCE A L'AIDE D'UN LISSAGE TEMPOREL DE SOUS-BANDES**
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] HELMRICH, CHRISTIAN, DE
[72] MULTRUS, MARKUS, DE
[72] SCHMIDT, KONSTANTIN, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-07-22
[86] 2014-01-28 (PCT/EP2014/051601)
[87] (WO2014/118160)
[30] US (61/758,090) 2013-01-29

[11] **2,899,885**
[13] C
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 34/12 (2006.01)**
[25] EN
[54] **TUBING PRESSURE OPERATED DOWNHOLE FLUID FLOW CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'ECOULEMENT DE FLUIDE DE FOND DE TROU ACTIONNE PAR UNE PRESSION DE TUBULURE**
[72] PICKLE, BRAD, US
[72] FRIPP, MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-30
[86] 2013-03-21 (PCT/US2013/033364)
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[51] **Int.Cl. A47L 11/284 (2006.01) A47L 11/03 (2006.01) A47L 11/12 (2006.01) B25J 5/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **AUTONOMOUS SURFACE CLEANING ROBOT**
[54] **ROBOT AUTONOME DE NETTOYAGE DE SURFACE**
[72] DOOLEY, MICHAEL J., US
[72] ROMANOV, NIKOLAI, US
[72] CASE, JAMES PHILLIP, US
[73] IROBOT CORPORATION, US
[85] 2015-08-10
[86] 2014-10-24 (PCT/US2014/062096)
[87] (WO2015/073187)
[30] US (14/077,296) 2013-11-12

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[51] **Int.Cl. E04D 1/12 (2006.01)**
[25] EN
[54] **ROOFING SHINGLE SYSTEM AND SHINGLES FOR USE THEREIN**
[54] **SYSTEME DE BARDEAUX DE TOITURE ET BARDEAUX DUDIT SYSTEME**
[72] LEITCH, OLAN, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
[86] (2902694)
[87] (2902694)
[22] 2015-09-02
[30] US (14/656,886) 2015-03-13

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[13] C
[51] **Int.Cl. B05B 12/10 (2006.01) B01F 3/10 (2006.01) B01F 15/02 (2006.01) C09D 191/06 (2006.01) C09D 195/00 (2006.01) E04D 1/22 (2006.01) G05D 24/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING VISCOSITY VARIATIONS IN ROOFING ASPHALT**
[54] **SYSTEME ET METHODE DE REDUCTION DES VARIATIONS DE VISCOSITE DANS L'ASPHALTE POUR TOITURE**
[72] HUMPHREYS, DAVID C., US
[73] TAMKO BUILDING PRODUCTS, INC., US
[86] (2905679)
[87] (2905679)
[22] 2015-09-24
[30] US (62/055,465) 2014-09-25

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[13] E
[51] **Int.Cl. B62D 25/20 (2006.01) B60R 19/04 (2006.01) B62D 25/04 (2006.01)**
[25] EN
[54] **AUTOMOBILE STRUCTURAL MEMBER AND MANUFACTURING METHOD OF THE SAME**
[54] **ELEMENT STRUCTUREL DESTINE A UNE AUTOMOBILE ET FABRICATION DUDIT ELEMENT**
[72] OKADA, TOHRU, JP
[72] YASUYAMA, MASANORI, JP
[72] SAKAMOTO, TERUKI, JP
[72] IMAMURA, TAKASHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-09-16
[86] 2014-04-04 (PCT/JP2014/060025)
[87] (WO2014/163203)
[48] 2018-09-25
[30] JP (2013-078835) 2013-04-04

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[13] C
[51] **Int.Cl. H04L 5/00 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **CHANNEL RESERVATION IN FREQUENCY MULTIPLEXED COMMUNICATION IN DENSE WIRELESS ENVIRONMENTS**
[54] **RESERVATION DE CANAL DANS UNE COMMUNICATION MULTIPLEXEE EN FREQUENCE DANS DES ENVIRONNEMENTS SANS FIL DENSES**
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[72] TIAN, BIN, US
[72] ZHOU, YAN, US
[72] TANDRA, RAHUL, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-09-23
[86] 2014-04-30 (PCT/US2014/036190)
[87] (WO2014/179474)
[30] US (61/819,096) 2013-05-03
[30] US (61/846,579) 2013-07-15
[30] US (14/265,269) 2014-04-29

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[13] C
[51] **Int.Cl. B61F 5/24 (2006.01)**
[25] EN
[54] **WHEELSET BEARING FOR THE WHEELSET OF A RAIL VEHICLE HAVING AN INTERNALLY MOUNTED TRUCK**
[54] **ROULEMENT D'ESSIEU MONTE POUR ESSIEU MONTE D'UN VEHICULE SUR RAIL COMPORTANT UN BOGIE INSTALLE DE MANIERE INTERNE**
[72] KREUZWEGER, DAVID, AT
[72] KUTER, CHRISTIAN, AT
[72] TEICHMANN, MARTIN, AT
[73] SIEMENS AG OSTERREICH, AT
[85] 2015-10-06
[86] 2014-04-22 (PCT/EP2014/058078)
[87] (WO2014/177417)
[30] AT (A 50297/2013) 2013-05-02

[11] **2,909,368**
[13] C
[51] **Int.Cl. E21B 33/14 (2006.01) E21B 23/02 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS RELATED TO AN EXPANDABLE PORT COLLAR**
[54] **METHODES ET APPAREIL ASSOCIES A UN COLLIER D'ORIFICE EXTENSIBLE**
[72] FARLEY, DOUGLAS BRIAN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2909368)
[87] (2909368)
[22] 2015-10-19
[30] US (14/521,556) 2014-10-23

[11] **2,909,475**
[13] C
[51] **Int.Cl. F16N 7/36 (2006.01) F16N 39/00 (2006.01) F16N 39/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSEMBLING A TIRE-WHEEL ASSEMBLY**
[54] **SYSTEME ET METHODE D'ASSEMBLAGE D'UN ENSEMBLE PNEU-ROUE**
[72] STRAITIFF, DONALD G., US
[72] CLARK, BARRY A., US
[72] LAWSON, LAWRENCE J., US
[72] HICKS, JOSHUA J., US
[73] ANDROID INDUSTRIES LLC, US
[85] 2015-10-13
[86] 2014-06-06 (PCT/US2014/041309)
[87] (WO2014/197800)
[30] US (61/832,422) 2013-06-07
[30] US (61/859,641) 2013-07-29
[30] US (61/982,162) 2014-04-21
[30] US (14/297,347) 2014-06-05

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[13] C
[51] **Int.Cl. C09K 3/18 (2006.01) B41J 2/14 (2006.01) B41J 2/17 (2006.01) C09D 175/08 (2006.01) C09D 11/38 (2014.01)**
[25] EN
[54] **ANTI-WETTING, LOW ADHESION COATINGS FOR AQUEOUS INK PRINTHEADS**
[54] **REVETEMENT ANTI-MOUILLAGE A FAIBLE ADHERENCE POUR TETES D'IMPRESSION D'ENCRE AQUEUSE**
[72] SAMBHY, VARUN, US
[72] TALLMAN, KYLE B., US
[72] BADESHA, SANTOKH S., US
[72] ROETKER, MICHAEL S., US
[72] HERKO, JONATHAN H., US
[72] GRIFFIN, SCOTT J., US
[73] XEROX CORPORATION, US
[86] (2909768)
[87] (2909768)
[22] 2015-10-20
[30] US (14/535874) 2014-11-07

[11] **2,910,301**
[13] C
[51] **Int.Cl. A01D 90/08 (2006.01)**
[25] EN
[54] **BALE LOADING TRAILER WITH AUTOMATIC BALE MOVEMENT**
[54] **REMORQUE DE CHARGEMENT DE BALLOT A MOUVEMENT AUTOMATIQUE DE BALLOT**
[72] NEUDORF, BLAKE, CA
[72] REGIER, JUSTIN, CA
[73] HIGHLINE MANUFACTURING LTD., CA
[86] (2910301)
[87] (2910301)
[22] 2015-10-27

[11] **2,911,032**
[13] C
[51] **Int.Cl. H01M 8/04858 (2016.01) H01M 8/043 (2016.01) H01M 16/00 (2006.01) H02J 1/10 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND OPERATING METHOD OF FUEL CELL SYSTEM FOR PERFORMING HIGH POTENTIAL AVOIDANCE CONTROL**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE D'UTILISATION DU SYSTEME DE PILE A COMBUSTIBLE POUR REALISER UN CONTROLE D'EVITEMENT A POTENTIEL ELEVE**
[72] BONO, TETSUYA, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911032)
[87] (2911032)
[22] 2015-11-03
[30] JP (2014-230186) 2014-11-12

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[13] C
[51] **Int.Cl. A47J 31/10 (2006.01) A47J 31/20 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAKING A BEVERAGE**
[54] **SYSTEME ET PROCEDE DE PREPARATION D'UNE BOISSON**
[72] BARBALES, JORGE, CA
[72] BOILY, ALAIN, CA
[72] GRANT, STEPHEN, CA
[72] ST-GERMAIN, MARC, CA
[72] VAILLANT, MARC-ANDRE, CA
[73] VKI TECHNOLOGIES INC., CA
[85] 2015-11-04
[86] 2013-12-13 (PCT/CA2013/050962)
[87] (WO2014/089705)
[30] US (61/737,324) 2012-12-14

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[13] C
[51] **Int.Cl. H01M 8/1069 (2016.01) H01M 8/241 (2016.01) H01M 4/88 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING FUEL CELL AND REMOVAL OF ORGANIC MATTER THEREOF**
[54] **METHODE DE FABRICATION DE PILE A COMBUSTIBLE ET EXTRACTION DE MATIERE ORGANIQUE DE LADITE PILE A COMBUSTIBLE**
[72] USAMI, SHO, JP
[72] YAEGASHI, MEGUMI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911538)
[87] (2911538)
[22] 2015-11-06
[30] JP (2014-239012) 2014-11-26

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[51] **Int.Cl. E04C 3/17 (2006.01) E04C 3/16 (2006.01)**
[25] EN
[54] **TRUSSES FOR USE IN BUILDING CONSTRUCTION AND METHODS OF INSTALLING SAME**
[54] **MONTANTS DESTINES A LA CONSTRUCTION DE BATIMENT ET METHODES D'INSTALLATION ASSOCIEES**
[72] KENNELY, BERNARD JOSEPH, AU
[72] PAULL, MIKE, US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2912851)
[87] (2912851)
[22] 2015-11-23
[30] AU (2014904787) 2014-11-26
[30] AU (2015902094) 2015-06-02

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[51] **Int.Cl. C09K 8/04 (2006.01) C04B 14/14 (2006.01) C04B 28/04 (2006.01) C09K 8/487 (2006.01)**
[25] EN
[54] **METHOD OF CONVERSION OF A DRILLING MUD TO A GEL-BASED LOST CIRCULATION MATERIAL TO COMBAT LOST CIRCULATION DURING CONTINUOUS DRILLING**
[54] **PROCEDE DE CONVERSION D'UNE BOUE DE FORAGE EN UN MATERIAU DE PERTE DE CIRCULATION A BASE DE GEL POUR COMBATTRE LA PERTE DE CIRCULATION DURANT LE FORAGE CONTINU**
[72] AMANULLAH, MD., SA
[72] ALSUBAIE, TURKI THUWAINI MOHAMMED, SA
[72] BUBSHAIT, ABDULAZIZ SALAH, SA
[72] AL-FUWAIRES, OMAR ABDULWAHAB, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-11-18
[86] 2014-06-03 (PCT/US2014/040597)
[87] (WO2014/197417)
[30] US (61/830,287) 2013-06-03

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[51] **Int.Cl. E21B 47/04 (2012.01) E21B 47/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMATION DETECTION AND EVALUATION**
[54] **SYSTEME ET PROCEDE PERMETTANT UNE DETECTION ET UNE EVALUATION DE FORMATION**
[72] BENSON, TODD W., US
[72] STOKELD, BRIAN EUGENE, US
[72] LOCKHART, DWIGHT A., US
[73] MOTIVE DRILLING TECHNOLOGIES, INC., US
[85] 2015-12-09
[86] 2014-06-24 (PCT/US2014/043892)
[87] (WO2014/210021)
[30] US (61/838,689) 2013-06-24
[30] US (14/186,470) 2014-02-21

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[13] C
[51] **Int.Cl. B22F 1/00 (2006.01) H01M 4/86 (2006.01)**
[25] EN
[54] **PULVERULENT NI,CO MIXED HYDROXIDE FOR USE IN THE PRODUCTION OF ELECTROCHEMICAL CELLS**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION DE COMPOSES PAR PRECIPITATION**
[72] OLBRICH, ARMIN, DE
[72] MEESE-MARKTSCHEFFEL, JULIANE, DE
[72] JAHN, MATTHIAS, DE
[72] ZERTANI, RUDIGER, DE
[72] MAIKOWSKE, GERD, DE
[72] ALBRECHT, SVEN, DE
[72] MALCUS, STEFAN, DE
[72] SCHMOLL, JOSEF (DECEASED), DE
[72] KRUFT, MICHAEL, CA
[73] H.C. STARCK TUNGSTEN GMBH, DE
[86] (2915162)
[87] (2915162)
[22] 2007-03-20
[62] 2,644,955
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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/723 (2013.01) H04L 12/28 (2006.01)**
[25] EN
[54] **PROVIDING ACCESS TO CONFIGURABLE PRIVATE COMPUTER NETWORKS**
[54] **FOURNITURE D'ACCES A DES RESEAUX INFORMATIQUES PRIVES CONFIGURABLES**
[72] BRANDWINE, ERIC JASON, US
[72] BRANDWINE, CLARISSA LOREE COOK, US
[72] COHN, DANIEL T., US
[72] DOANE, ANDREW J., US
[72] MOSES, CARL J., US
[72] SCHMIDT, STEPHEN E., US
[73] AMAZON TECHNOLOGIES, INC., US
[86] (2915391)
[87] (2915391)
[22] 2009-12-08
[62] 2,744,720
[30] US (12/332,214) 2008-12-10

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[51] **Int.Cl. H01S 5/10 (2006.01)**
[25] EN
[54] **RING CAVITY DEVICE AND FABRICATION METHOD THEREOF**
[54] **DISPOSITIF A CAVITE ANNULAIRE ET PROCEDE DE FABRICATION ASSOCIE**
[72] ZHANG, RUIYING, CN
[73] SUZHOU INSTITUTE OF NANO-TECH AND NANO-BIONICS, CHINESE ACADEMY OF SCIENCES, CN
[85] 2015-12-17
[86] 2014-06-11 (PCT/CN2014/079665)
[87] (WO2014/201964)
[30] CN (201310241897.2) 2013-06-18
[30] CN (201410188569.5) 2014-05-07

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[13] C
[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **SELF-SIZING CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE ELECTRODE**
[54] **FONCTIONNALITES DE CATHETER A DIMENSIONNEMENT AUTOMATIQUE VISANT A PREVENIR LE SERRAGE EXAGERE DE L'ELECTRODE**
[72] BAGLEY, CHRISTOPHER L., US
[72] JAMESON, ALLEN D., US
[72] HUSZAR, HILLARY K., US
[73] COVIDIEN LP, US
[86] (2917513)
[87] (2917513)
[22] 2016-01-14
[30] US (62/110,835) 2015-02-02
[30] US (14/925,613) 2015-10-28

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[51] **Int.Cl. C12N 15/54 (2006.01) A01C 1/00 (2006.01) A01H 1/04 (2006.01) C12N 5/10 (2006.01) C12N 9/10 (2006.01) C12N 15/09 (2006.01) C12N 15/82 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **NUCLEIC ACID MOLECULES ENCODING A PHYTOENE SYNTHASE**
[54] **MOLECULES D'ACIDE NUCLEIQUE CODANT UNE SYNTHASE PHYTOENE**
[72] YE, XUDONG, US
[72] PETERSEN, MICHAEL W., US
[72] HUANG, SHIHSHIEH, US
[72] CHOMET, PAUL S., US
[72] WALTERS, DAVID, US
[72] JOHNSON, SUSAN, US
[72] GILBERTSON, LARRY, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (2917552)
[87] (2917552)
[22] 2007-05-11
[62] 2,653,231
[30] US (60/799,875) 2006-05-12

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[13] C
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 34/30 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONFIGURING POSITIONS IN A SURGICAL POSITIONING SYSTEM**
[54] **SYSTEME ET METHODE DE CONFIGURATION DE POSITIONS DANS UN SYSTEME DE POSITIONNEMENT CHIRURGICAL**
[72] DELL, TREVOR JAMES, CA
[72] WHITE, ADAM KEITH, CA
[72] MCFADZEAN, DAVID BRUCE, CA
[72] THOMAS, MONROE MILAS, CA
[72] RAKITINE, OLEG VALERIEVITCH, CA
[72] UNGER, MARK LEON, CA
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] SELA, GAL, CA
[72] ABHARI, KAMYAR, CA
[72] FERNALD, BRADLEY ALLAN, CA
[72] BABBY, WILLIAM DENNIS, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[86] (2917654)
[87] (2917654)
[22] 2016-01-14

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[11] **2,919,206**
[13] C
[51] **Int.Cl. C07H 1/00 (2006.01) A61K 31/7024 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF FONDAPARINUX SODIUM**
[54] **PROCEDE DE PRODUCTION DE FONDAPARINUX SODIUM**
[72] KUO, LUNG-HUANG, CN
[72] CHEN, SHANG-HONG, CN
[72] WANG, LI-TING, CN
[72] SHIH, WEN-LI, CN
[72] LIAO, YUAN-XIU, CN
[73] SCINOPHARM TAIWAN, LTD., CN
[85] 2016-01-22
[86] 2013-07-25 (PCT/IB2013/002376)
[87] (WO2015/011519)

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[13] C
[51] **Int.Cl. E21B 43/267 (2006.01) C09K 8/78 (2006.01)**
[25] EN
[54] **CONDUCTIVITY ENHANCEMENT OF COMPLEX FRACTURE NETWORKS IN SUBTERRANEAN FORMATIONS**
[54] **AMELIORATION DE LA CONDUCTIVITE DE RESEAUX DE FRACTURES COMPLEXES DANS DES FORMATIONS SOUTERRAINES**
[72] NGUYEN, PHILIP D., US
[72] VO, LOAN K., US
[72] VONK, THOMAS ZACHARY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-26
[86] 2013-09-16 (PCT/US2013/059843)
[87] (WO2015/038153)

[11] **2,921,663**
[13] C
[51] **Int.Cl. F41A 21/02 (2006.01) F41A 21/20 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE COMPOSITE PROJECTILE BARREL**
[54] **FUT DE PROJECTILE COMPOSITE A HAUTE TEMPERATURE**
[72] CURLISS, DAVID B., US
[72] LINCOLN, JASON E., US
[72] DEGERNESS, MICHAEL K., US
[73] PROOF RESEARCH, INC., US
[85] 2016-02-17
[86] 2014-08-28 (PCT/US2014/053194)
[87] (WO2015/031635)
[30] US (61/871,154) 2013-08-28
[30] US (61/873,771) 2013-09-04

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[13] C
[51] **Int.Cl. H01P 1/15 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **INTELLIGENT RF REDUNDANCY SWITCH**
[54] **COMMUTATEUR DE REDONDANCE RF INTELLIGENT**
[72] HAMILTON, KENDRICK, CA
[72] HAMER, SEANN, CA
[72] WASKOWIC, PETER, CA
[73] SED SYSTEMS, A DIVISION OF CALIAN LTD., CA
[86] (2921903)
[87] (2921903)
[22] 2016-02-25
[30] CA (2,883,117) 2015-02-25

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[13] C
[51] **Int.Cl. A47B 21/06 (2006.01)**
[25] EN
[54] **POWER/DATA ACCESS MODULE**
[54] **MODULE D'ACCES AUX DONNEES ET A L'ALIMENTATION**
[72] NICHOLS, JERALD W., US
[72] OWENS, AARON C., US
[73] DITTO SALES, INC./VERSTEEL, US
[86] (2922333)
[87] (2922333)
[22] 2016-03-02
[30] US (62/128,119) 2015-03-04
[30] US (15/057,189) 2016-03-01

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[13] C
[51] **Int.Cl. B01D 17/025 (2006.01)**
[25] EN
[54] **GAS FLOTATION TANK**
[54] **RESERVOIR DE FLOTTATION AU GAZ**
[72] KIRK, TODD WILLIAM, CA
[72] LEE, DOUGLAS WALKER, CA
[72] WHITNEY, DANIEL CLIFFORD, CA
[73] EXTERRAN WATER SOLUTIONS ULC, CA
[85] 2016-02-25
[86] 2014-08-08 (PCT/CA2014/050751)
[87] (WO2015/027332)
[30] US (13/975,750) 2013-08-26

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[13] C
[51] **Int.Cl. B60B 30/00 (2006.01) B60B 3/00 (2006.01)**
[25] EN
[54] **ANTI SLIP DEVICE FOR AUTOMOBILE WHEELS WITH WHEEL DISC ARRANGED AT THE INNER SIDE PLANE OF THE WHEEL**
[54] **DISPOSITIF ANTIPATINAGE POUR ROUES D'AUTOMOBILES AVEC DISQUE DE ROUE DISPOSE AU PLAN LATERAL INTERIEUR DE LA ROUE**
[72] KARNIK, LADISLAV, CZ
[73] ING. PETR GROSS S.R.O., CZ
[86] (2923466)
[87] (2923466)
[22] 2016-03-10
[30] CZ (2015-192) 2015-03-18

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[13] C
[51] **Int.Cl. F24F 13/30 (2006.01) F24F 1/16 (2011.01) F24D 19/06 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **HEATING ELEMENT COVER COMPONENT, HEATING ELEMENT COVER, RADIANT COOLING AND HEATING APPARATUS, AND AIR CONDITIONING SYSTEM**
[54] **COMPOSANTE DE REVETEMENT D'ELEMENT CHAUFFANT, REVETEMENT D'ELEMENT CHAUFFANT, APPAREIL DE REFROIDISSEMENT ET CHAUFFAGE RADIANT ET SYSTEME DE CONDITIONNEMENT DE L'AIR**
[72] MURAKAMI, TAKANOBU, JP
[73] ECO FACTORY CO. LTD., JP
[85] 2016-04-26
[86] 2016-03-02 (PCT/JP2016/056366)
[87] (WO2017/149692)

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[11] **2,924,833**
[13] C
[51] **Int.Cl. H04S 7/00 (2006.01)**
[25] EN
[54] **ADAPTIVE DIFFUSE SIGNAL GENERATION IN AN UPMIXER**
[54] **GENERATION DE SIGNAUX DIFFUS ADAPTATIFS DANS UN MELANGEUR ELEVATEUR**
[72] SEEFELDT, ALAN J., US
[72] VINTON, MARK S., US
[72] BROWN, C. PHILLIP, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2016-03-18
[86] 2014-09-26 (PCT/US2014/057671)
[87] (WO2015/050785)
[30] US (61/886,554) 2013-10-03
[30] US (61/907,890) 2013-11-22

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[13] C
[51] **Int.Cl. H02J 13/00 (2006.01) G01R 29/00 (2006.01) H02J 3/24 (2006.01) G01R 19/06 (2006.01) G01R 31/42 (2006.01)**
[25] EN
[54] **MONITORING VOLTAGE STABILITY OF A TRANSMISSION CORRIDOR**
[54] **SURVEILLANCE DE LA STABILITE DE LA TENSION D'UN COULOIR DE TRANSMISSION**
[72] GLAVIC, MEVLUDIN, US
[72] MADANI, VAHID, US
[72] NOVOSEL, DAMIR, US
[73] QUANTA TECHNOLOGY, LLC, US
[85] 2016-03-24
[86] 2015-05-08 (PCT/US2015/029834)
[87] (WO2015/179139)
[30] US (14/281,336) 2014-05-19

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[13] C
[51] **Int.Cl. A61M 16/04 (2006.01)**
[25] EN
[54] **ASSIST DEVICE FOR MEDICAL PROCEDURES**
[54] **DISPOSITIF D'ASSISTANCE POUR DES PROCEDURES MEDICALES**
[72] KRIMSKY, WILLIAM SANFORD, US
[72] KOTHERA, CURT STEVEN, US
[72] SHAH, AMIT NAVIN, US
[72] HIEMENZ, GREGORY JOHN, US
[73] INNOVITAL LLC, US
[85] 2016-03-24
[86] 2014-09-26 (PCT/US2014/057717)
[87] (WO2015/050788)
[30] US (61/882,912) 2013-09-26

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[13] C
[51] **Int.Cl. G02B 21/24 (2006.01) G01N 35/00 (2006.01) G01N 35/04 (2006.01)**
[25] EN
[54] **IMAGING SYSTEMS, CASSETTES, AND METHODS OF USING THE SAME**
[54] **SYSTEMES D'IMAGERIE, CASSETTES ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] HEBERT, RAPHAEL, US
[72] LONEY, GREGORY C., US
[72] MORAVICK, KEITH, US
[72] MORICONI, DAVID, US
[72] TODD, CHRIS, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[86] (2928374)
[87] (2928374)
[22] 2012-08-21
[62] 2,844,994
[30] US (61/533,114) 2011-09-09

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[13] C
[51] **Int.Cl. C11D 7/02 (2006.01) A61K 8/19 (2006.01) A61Q 11/00 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **ABRASIVE CLEANING COMPOSITION**
[54] **COMPOSITION DE NETTOYAGE ABRASIVE**
[72] BUDDE, TANJA, CH
[72] SKOVBY, MICHAEL, CH
[72] GERARD, DANIEL E., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2016-04-26
[86] 2014-12-12 (PCT/EP2014/077550)
[87] (WO2015/086815)
[30] EP (13197113.7) 2013-12-13

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[13] C
[51] **Int.Cl. B01D 53/86 (2006.01) B01D 53/54 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR THE PURIFICATION OF WASTE GASES CHARGED WITH NITROGEN OXIDES**
[54] **PROCEDE ET SYSTEME DE PURIFICATION DE PRODUITS DE COMBUSTION CHARGES D'OXYDES D'AZOTE**
[72] MULLEDER, CHRISTIAN, AT
[72] ORTNER, FRANZ, AT
[73] CHEMISCH THERMISCHE PROZESSTECHNIK GMBH, AT
[86] (2929160)
[87] (2929160)
[22] 2016-05-05
[30] DE (10 2015 108 014.1) 2015-05-20

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[13] C
[51] **Int.Cl. B03D 1/02 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **FEED STREAM CONDITIONING TO PROMOTE SEPARATION OF HYDROCARBON FLUID FROM PARTICULATE MATTER IN A FROTH SETTLING UNIT**
[54] **CONDITIONNEMENT DE FLUX D'ALIMENTATION EN VUE DE PROMOUVOIR LA SEPARATION DE FLUIDE D'HYDROCARBURE DE LA MATIERE PARTICULAIRE DANS UN MODULE DE SEDIMENTATION DE MOUSSE**
[72] SURYO, RONALD, US
[72] SUTTON, CLAY R., US
[72] HEALY, TIMOTHY M., US
[72] SHEN, ERIC B., US
[72] ABEL, KEITH A., CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2929516)
[87] (2929516)
[22] 2016-05-10
[30] US (62/195,133) 2015-07-21

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[25] EN
[54] **PLANT COMPLEX FOR STEEL PRODUCTION AND METHOD FOR OPERATING THE PLANT COMPLEX**
[54] **COMPLEXE D'USINE DE PRODUCTION D'ACIER ET METHODE D'EXPLOITATION DU COMPLEXE D'USINE**
[72] ACHATZ, REINHOLD, DE
[72] WAGNER, JENS, DE
[72] OLES, MARKUS, DE
[72] SCHMOELE, PETER, DE
[72] KLEINSCHMIDT, RALPH, DE
[72] KRUEGER, MATTHIAS PATRICK, DE
[72] KROTOV, DENIS, DE
[72] VON MORSTEIN, OLAF, DE
[73] THYSSENKRUPP AG, DE
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[54] **GRAVITY-BASED CASING ORIENTATION TOOLS AND METHODS**
[54] **OUTILS ET PROCEDES D'ORIENTATION DE TUBAGE SE BASANT SUR LA GRAVITE**
[72] STEELE, DAVID JOE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FLUID APPLICATION DEVICE HAVING A MODULAR CONTACT NOZZLE WITH A FLUIDIC OSCILLATOR**
[54] **DISPOSITIF D'APPLICATION DE FLUIDE A BUSE DE CONTACT MODULAIRE A OSCILLATEUR FLUIDIQUE**
[72] BOLYARD, EDWARD WAYNE, JR., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-05-17
[86] 2014-12-08 (PCT/US2014/069117)
[87] (WO2015/112265)
[30] US (61/929,744) 2014-01-21
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[25] EN
[54] **POWERLESS VEHICLE MOVEMENT DETECTOR**
[54] **DETECTEUR DE MOUVEMENT DE VEHICULE SANS ALIMENTATION EN ENERGIE**
[72] DIMMER, DAVID, CA
[72] KANNER, ABE, CA
[73] THALES CANADA INC., CA
[85] 2016-05-19
[86] 2014-07-26 (PCT/IB2014/063443)
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[25] EN
[54] **FASTENING ARRANGEMENTS FOR A METAL ROOF**
[54] **DISPOSITIFS D'ATTACHE DESTINES A UN TOIT EN METAL**
[72] ZHANG, XIUMING, CA
[73] ZHANG, XIUMING, CA
[86] (2931452)
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[54] **SPLICE RESTRAINT**
[54] **LIMITEUR D'EPISSURE**
[72] LUZZI, GLENN J., US
[73] RICHARDS MANUFACTURING COMPANY, A NEW JERSEY LIMITED PARTNERSHIP, US
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[54] **LIQUID SUPPLY UNIT**
[54] **UNITE D'ALIMENTATION EN LIQUIDE**
[72] SHIOTA, TAKAYUKI, JP
[72] KOBAYASHI, ATSUSHI, JP
[72] MIZUTANI, TADAHIRO, JP
[72] OYA, SHUN, JP
[73] SEIKO EPSON CORPORATION, JP
[85] 2016-06-03
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[54] **SYSTEMS AND METHODS FOR REMOTE UTILITY METERING AND METER MONITORING**
[54] **SYSTEMES ET PROCEDES DE COMPTAGE DE SERVICES PUBLICS ET DE SURVEILLANCE DE COMPTEURS A DISTANCE**
[72] PITCHFORD, BARTH ROBINS, US
[72] PITCHFORD, WILLIAM DUDLEY, US
[72] SIMON, ROBERT PAUL, US
[72] BINNING, DAVID C., US
[72] RASMUSSEN, DAVID LEWIS, US
[73] MUELLER INTERNATIONAL, LLC, US
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[87] (2932858)
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[54] **TRANSMISSION BANDWIDTH EXTENDER/CATEGORY 6 SURGE PROTECTOR**
[54] **DISPOSITIF D'EXTENSION DE BANDE PASSANTE DE TRANSMISSION/LIMITEUR DE SURTENSION DE CATEGORIE 6**
[72] ORTEGA, ADRIAN ARAUJO, US
[72] URBAN, RICHARD J., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2016-06-06
[86] 2014-12-08 (PCT/US2014/069140)
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[25] EN
[54] **NETWORKING GROUPS OF PHOTOCONTROL DEVICES**
[54] **GROUPES DE RESEAUTAGE DE DISPOSITIFS DE PHOTOCONTROLE**
[72] NOESNER, KEVIN E., US
[73] ABL IP HOLDING LLC, US
[86] (2932986)
[87] (2932986)
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[54] **RETURN REWARDS**
[54] **AVANTAGES DE RETOUR**
[72] HAMMOND, MARK S., US
[72] BRADSHAW, PETER L., US
[72] HILINSKI, MARK R., US
[72] SPEIGHTS, DAVID B., US
[73] THE RETAIL EQUATION, INC., US
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[25] EN
[54] **SALT CAVERN WASHING WITH DESALINATION AND RECYCLING OF WATER**
[54] **LESSIVAGE DE CAVERNE DE SEL AU MOYEN DE LA DESALINISATION ET DU RECYCLAGE DE L'EAU**
[72] KONDO, TAD, CA
[72] CLARK, GILLIAN, GB
[72] VANDAL, BRYAN, CA
[73] ATHABASCA OIL CORPORATION, CA
[86] (2933205)
[87] (2933205)
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[25] EN
[54] **LOW-COMPLEXITY INTRA PREDICTION FOR VIDEO CODING**
[54] **PREDICTION INTERNE A FAIBLE COMPLEXITE POUR CODAGE VIDEO**
[72] BOSSEN, FRANK JAN, US
[72] TAN, THIOW KENG, SG
[73] NTT DOCOMO, INC., JP
[86] (2934184)
[87] (2934184)
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[25] EN
[54] **IMPROVED COVERAGE ESTIMATION OF WIRELESS CELLULAR NETWORKS BY USER EQUIPMENT (UE) IDLE MODE MEASUREMENTS**
[54] **ESTIMATION DE COUVERTURE DE RESEAUX CELLULAIRES SANS FIL AMELIOREE PAR DES MESURES D'EQUIPEMENTS UTILISATEUR (UE) EN MODE VEILLE**
[72] CHOU, JOEY, US
[73] INTEL CORPORATION, US
[85] 2016-06-27
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[25] EN
[54] **ENHANCING THE AESTHETIC BEAUTY OF PRONGS USED TO RETAIN STONES IN A JEWELRY SETTING THROUGH STYLIZED FACETED PRONGS**
[54] **AMELIORATION DE LA BEAUTE ESTHETIQUE DE GRIFFES UTILISEES POUR RETENIR DES PIERRES DANS UNE MONTURE DE JOAILLERIE AU MOYEN DE GRIFFES A FACETTES STYLISEES**
[72] SAMANTA, HEMANT, IN
[73] JEWELEX NEW YORK, LTD., US
[86] (2935166)
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[25] EN
[54] **HOT-FORMED MEMBER AND MANUFACTURING METHOD OF SAME**
[54] **ELEMENT FORME A CHAUD ET PROCEDE DE FABRICATION ASSOCIE**
[72] HAYASHI, KOUTAROU, JP
[72] SEKI, AKIRA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-06-28
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[25] EN
[54] **ADHESION PROMOTER FOR ADHESIVE COMPOSITES COMPOSED OF PLASTIC AND OF A POLYISOCYANATE POLYADDITION PRODUCT**
[54] **PROMOTEUR D'ADHERENCE POUR COMPOSITE ADHESIF EN MATIERE PLASTIQUE ET EN UN PRODUIT DE POLYADDITION DE POLYISOCYANATE**
[72] RENNER, CHRISTIAN, DE
[72] TISCHER, GERLINDE, DE
[72] ILLGUTH, ROLF, DE
[72] GEHRING, MARGIT, DE
[72] REDL, FRANZ XAVER, DE
[73] BASF SE, DE
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[25] EN
[54] **SAFETY SEAT/BOOSTER SEAT HARNESS PAD**
[54] **COUSSINET DE HARNAIS POUR SIEGE DE SECURITE/SIEGE REHAUSSEUR**
[72] BERGER, RUSSELL, US
[73] DIONO, LLC, US
[85] 2016-07-13
[86] 2015-02-06 (PCT/US2015/014882)
[87] (WO2015/130450)
[30] US (61/946,523) 2014-02-28
[30] US (62/010,364) 2014-06-10
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[54] **ORAL CARE SYSTEM**
[54] **SYSTEME DE SOINS BUCCO-DENTAIRES**
[72] VETTER, INGO, DE
[72] SCHIEBAHN, MATTHIAS, DE
[72] BRZEZINSKI, EDDIE, DE
[72] KOENIG, FELIX, DE
[73] BRAUN GMBH, DE
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[51] **Int.Cl. A45D 29/00 (2006.01)**
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[54] **METHOD AND APPARATUS FOR FORMING AN IMAGE**
[54] **METHODE ET APPAREIL DE FORMATION D'UNE IMAGE**
[72] DUXBURY, DEBRAH G., CA
[72] DUXBURY, NIGEL, CA
[73] DUXBURY, DEBRAH G., CA
[73] DUXBURY, NIGEL, CA
[86] (2937126)
[87] (2937126)
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[51] **Int.Cl. C12Q 1/00 (2006.01) C12M 1/34 (2006.01)**
[25] EN
[54] **NANOPORE-BASED SEQUENCING CHIPS USING STACKED WAFER TECHNOLOGY**
[54] **PUCES DE SEQUENCAGE A BASE DE NANOPORES UTILISANT UNE TECHNOLOGIE DE TRANCHES EMPILEES**
[72] TIAN, HUI, US
[73] GENIA TECHNOLOGIES, INC., US
[85] 2016-08-10
[86] 2015-03-11 (PCT/US2015/019973)
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[30] US (14/225,263) 2014-03-25

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[51] **Int.Cl. B01J 13/00 (2006.01) C08J 9/28 (2006.01)**
[25] FR
[54] **GELLED COMPOSITION FOR ORGANIC MONOLITHIC GEL, ITS USES AND PREPARATION PROCESS**
[54] **COMPOSITION GELIFIEE POUR GEL MONOLITHIQUE ORGANIQUE, SES UTILISATIONS ET SON PROCEDE DE PREPARATION.**
[72] DUFOUR, BRUNO, FR
[72] DORIE, HUGO, FR
[72] SONNTAG, PHILIPPE, FR
[73] HUTCHINSON, FR
[85] 2016-08-11
[86] 2014-03-04 (PCT/FR2014/050477)
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[51] **Int.Cl. C07H 19/02 (2006.01) C07H 21/00 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **CROSSLINKED NUCLEOSIDE AND NUCLEOTIDE**
[54] **NUCLEOSIDE ET NUCLEOTIDE RETICULES**
[72] OBIKA, SATOSHI, JP
[72] YAMAGUCHI, TAKAO, JP
[72] HORIBA, MASAHIKO, JP
[72] WAKI, REIKO, JP
[73] OSAKA UNIVERSITY, JP
[85] 2016-08-15
[86] 2015-02-17 (PCT/JP2015/054308)
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[25] EN
[54] **TRANSMITTING APPARATUS AND INTERLEAVING METHOD THEREOF**
[54] **APPAREIL DE TRANSMISSION ET SON PROCEDE D'IMBRICATION**
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[72] JEONG, HONG-SIL, KR
[72] LOBETE, ANSORREGUI DANIEL, GB
[72] MOUHOUCHE, BELKACEM, GB
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[30] US (61/941,676) 2014-02-19
[30] US (62/001,170) 2014-05-21
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[51] **Int.Cl. G01B 7/16 (2006.01)**
[25] EN
[54] **APPARATUS FOR SENSING MATERIAL STRAIN**
[54] **APPAREIL POUR DETECTER LES CONTRAINTES DE MATERIAUX**
[72] STRIEMER, GRANT EDWARD, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-08-11
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[30] US (14/224,441) 2014-03-25

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[51] **Int.Cl. G10L 19/20 (2013.01) G10L 21/038 (2013.01) G10L 19/02 (2013.01) G10L 19/12 (2013.01)**
[25] EN
[54] **APPARATUS AND METHODS OF SWITCHING CODING TECHNOLOGIES AT A DEVICE**
[54] **APPAREIL ET PROCEDES DE COMMUTATION DE TECHNOLOGIES DE CODAGE SUR UN DISPOSITIF**
[72] ATTI, VENKATRAMAN S., US
[72] KRISHNAN, VENKATESH, US
[73] QUALCOMM INCORPORATED, US
[85] 2016-08-26
[86] 2015-03-30 (PCT/US2015/023398)
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[30] US (61/973,028) 2014-03-31
[30] US (14/671,757) 2015-03-27

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[51] **Int.Cl. C10G 33/06 (2006.01) C10C 3/08 (2006.01)**
[25] EN
[54] **MODULAR BITUMEN PROCESSING SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE TRAITEMENT DE BITUME MODULAIRE ET METHODES ASSOCIEES**
[72] BLUE, MARK E., US
[72] WISE, GEORGE S., IV, US
[72] SANDELL, MARTIN J., US
[73] HARRIS CORPORATION, US
[86] (2941197)
[87] (2941197)
[22] 2016-09-02
[30] US (14/974,511) 2015-12-18

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[25] EN
[54] **METHOD FOR RECOVERING CYANIDE FROM A BARREN SOLUTION**
[54] **METHODE DE RECUPERATION DE CYANURE D'UNE SOLUTION STERILE**
[72] BANERJEE, KASHI, US
[72] BUISSON, HERVE, US
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[86] (2941223)
[87] (2941223)
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[25] EN
[54] **CONSTRUCTION MACHINE CONTROL SYSTEM, CONSTRUCTION MACHINE, CONSTRUCTION MACHINE MANAGEMENT SYSTEM, AND CONSTRUCTION MACHINE CONTROL METHOD AND PROGRAM**
[54] **SYSTEME DE COMMANDE DE MACHINE DE CONSTRUCTION, MACHINE DE CONSTRUCTION, SYSTEME DE GESTION DE MACHINE DE CONSTRUCTION, ET METHODE ET PROGRAMME DE COMMANDE DE MACHINE DE CONSTRUCTION**
[72] SAKAI, ATSUSHI, JP
[72] RYUMAN, MITSUHIRO, JP
[72] TOJIMA, MASANORI, JP
[72] NISHIJIMA, AKIHARU, JP
[73] KOMATSU LTD., JP
[85] 2016-08-30
[86] 2015-10-30 (PCT/JP2015/080866)
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[25] EN
[54] **INTEGRATED CEILING ASSEMBLY FOR RAILCARS**
[54] **ENSEMBLE DE PLAFOND INTEGRE POUR VEHICULES FERROVIAIRES**
[72] BURG, WILHELM, DE
[72] MARANSKI, JOHN, US
[72] PATEL, MANISH, US
[72] SCHUH, MARIO, US
[73] SIEMENS INDUSTRY, INC., US
[85] 2016-09-02
[86] 2015-03-06 (PCT/US2015/019171)
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[30] US (61/948,989) 2014-03-06
[30] US (14/464,144) 2014-08-20

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[51] **Int.Cl. E03C 1/04 (2006.01) F16K 3/26 (2006.01) F16K 21/00 (2006.01) F16K 31/56 (2006.01)**
[25] EN
[54] **TUB SPOUT ASSEMBLY**
[54] **DISPOSITIF DE BEC DE BAIGNOIRE**
[72] ARNOLD, ROBERT LEE, US
[72] TANG, YILIN, CN
[73] DELTA FAUCET COMPANY, US
[86] (2941720)
[87] (2941720)
[22] 2016-09-14
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[13] C
[51] **Int.Cl. B29C 70/48 (2006.01)**
[25] EN
[54] **MODULAR TOOLING FOR MANUFACTURING MULTI-CAVITY COMPOSITE STRUCTURES**
[54] **OUTILLAGE MODULAIRE DESTINE A LA FABRICATION DE STRUCTURES EN COMPOSITE MULTICAVITE**
[72] GINGRAS, RICHARD, CA
[72] ROY, STEVEN, CA
[72] OCTEAU, MARC-ANDRE, CA
[72] FORGET, PASCAL, CA
[73] BELL HELICOPTER TEXTRON INC., US
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[25] EN
[54] **METHOD FOR OPTIMIZING THE SWITCH-ON TIME OF A CORIOLIS GYROSCOPE AND CORIOLIS GYROSCOPE SUITABLE THEREFOR**
[54] **PROCEDE D'OPTIMISATION DU TEMPS DE FERMETURE DANS UN GYROSCOPE DE CORIOLIS ET GYROSCOPE DE CORIOLIS ADAPTE A CETTE FIN**
[72] GEIGER, WOLFRAM, DE
[73] NORTHROP GRUMMAN LITEF GMBH, DE
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[87] (WO2015/135614)
[30] DE (10 2014 003 640.5) 2014-03-14

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[25] EN
[54] **MULTI-ADAPTOR VEHICLE REMOTE FUNCTION CONTROLLER AND ASSOCIATED METHODS**
[54] **CONTROLEUR DE FONCTION A DISTANCE DE VEHICULE MULTI ADAPTATEUR ET METHODES ASSOCIEES**
[72] FLICK, KENNETH E., US
[73] OMEGA PATENTS, L.L.C., US
[86] (2942498)
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[25] EN
[54] **VARIABLE FLOW SMOKE EVACUATION APPARATUS**
[54] **APPAREIL D'EVACUATION DE FUMEE A ECOULEMENT VARIABLE**
[72] GALLEY, GEOFFREY, GB
[73] LAPROSURGE LTD, GB
[85] 2016-09-22
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[25] EN
[54] **TREATMENT OF HEAVY CRUDE OIL AND DILUENT**
[54] **TRAITEMENT DU PETROLE BRUT LOURD ET DU DILUANT**
[72] JARLSJO, BENGT A., US
[72] GIESKES, THOMAS, US
[72] MOORE, JOE T., US
[72] MCCARVER, LANCE D., US
[73] QUANTA ASSOCIATES, L.P., US
[85] 2016-09-14
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[25] EN
[54] **THERMAL CONTROL SYSTEM OF ELECTRIC VEHICLE**
[54] **SYSTEME DE REGULATION DE TEMPERATURE POUR VOITURE ELECTRIQUE**
[72] YANG, ANTHONY AN-TAO, CN
[72] CHEN, GORDON CHING, CN
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
[85] 2016-09-20
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[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NICKEL**
[72] YANAGISAWA, KAZUMICHI, JP
[72] ZHANG, JUNHAO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] YONEYAMA, TOMOAKI, JP
[72] HEGURI, SHIN-ICHI, JP
[72] OHARA, HIDEKI, JP
[72] IKEDA, OSAMU, JP
[72] KUDO, YOHEI, JP
[72] OZAKI, YOSHITOMO, JP
[73] KOCHI UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2016-09-22
[86] 2015-03-24 (PCT/JP2015/058941)
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[30] JP (2014-063106) 2014-03-26
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[25] EN
[54] **INTEGRATED FUEL TANK VENT AND SHUTOFF VALVE**
[54] **EVENT ET VANNE D'ARRET INTEGRES DE RESERVOIR DE RESERVOIR DE CARBURANT**
[72] BALLARD, MARK PAUL, US
[72] BALLARD, CARL PAUL, US
[72] KENDRICK, JOHN TRENT, US
[73] FLOMAX INTERNATIONAL, INC., US
[85] 2016-09-29
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[54] **HIGH-VOLTAGE DIRECT CURRENT TRANSMISSION PATH**
[54] **TRAJET DE TRANSMISSION D'UN COURANT CONTINU A HAUTE TENSION**
[72] HEROLD, JOCHEN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-09-30
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[51] **Int.Cl. G01C 21/00 (2006.01) G05D 1/02 (2006.01) G09B 29/10 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR WORK MACHINE, WORK MACHINE, AND MANAGEMENT SYSTEM FOR WORK MACHINE**
[54] **SYSTEME DE COMMANDE POUR ENGIN DE CHANTIER, ENGIN DE CHANTIER ET SYSTEME DE GESTION POUR ENGIN DE CHANTIER**
[72] SAKAI, ATSUSHI, JP
[72] TANAKA, DAISUKE, JP
[72] RYUMAN, MITSUHIRO, JP
[73] KOMATSU LTD., JP
[85] 2016-10-14
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[25] EN
[54] **PINCH VALVE FOR DISPENSING LIQUID**
[54] **ROBINET A MANCHON DESTINE A LA DISTRIBUTION DE LIQUIDE**
[72] WILSON, AVERY, CA
[72] GAY, BRIAN, CA
[72] COLE, DEREK, CA
[72] TOFFLEMIRE, JEFFREY, CA
[72] MACLEAN, IAN, CA
[72] SHORE, RONALD, CA
[73] A.C. DISPENSING EQUIPMENT INC., CA
[86] (2946985)
[87] (2946985)
[22] 2016-10-31
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[51] **Int.Cl. B60T 7/20 (2006.01) B60D 1/28 (2006.01)**
[25] EN
[54] **BRAKING SYSTEM FOR TOWED VEHICLES**
[54] **MECANISME DE FREINAGE POUR VEHICULE REMORQUE**
[72] GERBRANDT, SCOTT, CA
[72] JAGOW, SCOT, CA
[73] BOURGAULT INDUSTRIES LTD., CA
[86] (2948947)
[87] (2948947)
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[25] EN
[54] **INDUCTOR AND METHOD FOR HEATING A GEOLOGICAL FORMATION**
[54] **INDUCTEUR ET PROCEDE DE CHAUFFAGE D'UNE FORMATION GEOLOGIQUE**
[72] DIEHL, DIRK, DE
[72] KOCH, ANDREAS, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-11-18
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[54] **POWER ADAPTER AND TERMINAL**
[54] **ADAPTATEUR D'ALIMENTATION ET TERMINAL**
[72] ZHANG, JIALIANG, CN
[73] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2016-12-05
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **DEGRADABLE DOWNHOLE TOOLS COMPRISING RETENTION MECHANISMS**
[54] **OUTILS DE FOND DE PUITS DEGRADABLES COMPRENANT DES MECANISMES DE RETENTION**
[72] MURPHREE, ZACHARY, US
[72] FRIPP, MICHAEL LINLEY, US
[72] SMITH, CHARLES TIMOTHY, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-08
[86] 2014-08-13 (PCT/US2014/050836)
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[51] **Int.Cl. F16H 63/18 (2006.01)**
[25] EN
[54] **VARIABLE-SPEED DRIVE DEVICE FOR POWER UNIT**
[54] **DISPOSITIF D'ENTRAINEMENT A VITESSE VARIABLE DESTINE A UN MODULE D'ALIMENTATION**
[72] FUJIMOTO, YASUSHI, JP
[72] MAKITA, HIROYUKI, JP
[72] KOYANAGI, MASASHI, JP
[72] SHIOMI, YOSHINOBU, JP
[72] ADACHI, JUN, JP
[72] ONO, JUNYA, JP
[73] HONDA MOTOR CO.,LTD., JP
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[25] EN
[54] **TUBE LINER WITH A FLEECE-LAMINATED FILM WEB CONNECTED TO FORM A FILM TUBE**
[54] **GAINE DE REFECTION POUR CONDUITE COMPRENANT UN FILM CONTINU RECOUVERT D'UN NON-TISSE ET RELIE A UNE GAINE DE FILM**
[72] ODENWALD, RALF, DE
[73] BKP BEROLINA POLYESTER GMBH & CO. KG, DE
[85] 2016-12-05
[86] 2015-07-15 (PCT/EP2015/066138)
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[30] DE (10 2014 214 029.3) 2014-07-18

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[25] FR
[54] **PORTABLE ELECTRICAL CUTTING APPLIANCE WITH A HEATED WIRE**
[54] **APPAREIL DE COUPE ELECTROPORTATIF A FIL CHAUFFE**
[72] ANNEQUIN, DAVID, FR
[73] PROCARV, FR
[85] 2016-10-28
[86] 2015-05-13 (PCT/FR2015/051253)
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[25] EN
[54] **RADIO-LABELLED ANTIBODY FRAGMENTS FOR USE IN THE PREVENTION AND/OR TREATMENT OF CANCER**
[54] **FRAGMENTS D'ANTICORPS RADIOMARQUES POUR UTILISATION DANS LA PREVENTION ET/OU LE TRAITEMENT DU CANCER**
[72] LAHOUTTE, TONY, BE
[72] DEVOOGDT, NICK, BE
[72] D'HUYVETTER, MATTHIAS, BE
[72] DE VOS, JENS, BE
[73] VRIJE UNIVERSITEIT BRUSSEL, BE
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[86] 2015-07-17 (PCT/EP2015/066430)
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[25] EN
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[54] **UN MECANISME DE FIXATION DE ROUE**
[72] ABBASSI, SAEED, CA
[73] ABBASSI, SAEED, CA
[86] (2954979)
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[22] 2017-01-17
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[25] EN
[54] **HEATED OR COOLED DISHWARE AND DRINKWARE**
[54] **VAISSELLE ET VERRES POUVANT ETRE CHAUFFES OU REFROIDIS**
[72] ALEXANDER, CLAYTON, US
[73] EMBER TECHNOLOGIES, INC., US
[85] 2017-01-20
[86] 2015-06-17 (PCT/US2015/036304)
[87] (WO2015/200074)
[30] US (14/312,366) 2014-06-23
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[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 1/08 (2006.01)**
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[54] **PLANAR ANTENNA APPARATUS AND SUPPORT OF PLANAR ANTENNA APPARATUS**
[54] **APPAREIL D'ANTENNE PLANAIRE ET SUPPORT D'APPAREIL D'ANTENNE PLANAIRE**
[72] NAKAMOTO, MASAKI, JP
[72] MUKAI, TOSHIYUKI, JP
[72] SAITO, NORIYUKI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
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[51] **Int.Cl. G01D 18/00 (2006.01) G01D 5/12 (2006.01) G01F 23/72 (2006.01) H01L 41/12 (2006.01)**
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[54] **SONDE MAGNETOSTRICTIVE AMOVIBLE A ETALONNAGE AUTOMATIQUE**
[72] HAYNES, KEVIN M., US
[72] MOORE, ERIC, US
[72] BERRY, JAMES M., US
[73] MAGNETROL INTERNATIONAL, INCORPORATED, US
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[54] **ROTATABLE AND REMOVABLE MULTI-PIN EXPLOSION PROOF CONNECTOR ASSEMBLY**
[54] **ENSEMBLE RACCORD ANTIDEFLAGRANT MULTIBROCHE ROTATIF ET AMOVIBLE**
[72] JANITCH, PAUL G., US
[73] MAGNETROL INTERNATIONAL, INCORPORATED, US
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[51] **Int.Cl. B62B 3/04 (2006.01) A22B 5/00 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **HAND TRUCK, METHOD FOR TRANSPORTING OBJECTS OR ANIMAL CARCASSES BY MEANS OF A HAND TRUCK**
[54] **CHARIOT MANUEL, METHODE DE TRANSPORT D'OBJETS ET DE CARCASSES D'ANIMAUX AU MOYEN D'UN CHARIOT MANUEL**
[72] MEIER, WOLFGANG, DE
[73] MEIER, WOLFGANG, DE
[85] 2017-02-14
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[54] **INHIBITEURS DE CDK**
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[72] STRUM, JAY C., US
[73] G1 THERAPEUTICS, INC., US
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[51] **Int.Cl. B60K 28/06 (2006.01) B60W 40/09 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD TO DETERMINE RESPONSIVENESS OF A DRIVER OF A VEHICLE TO FEEDBACK REGARDING DRIVING BEHAVIORS**
[54] **SYSTEME ET METHODE PERMETTANT DE DETERMINER LA REACTIVITE D'UN CONDUCTEUR D'UN VEHICULE A UNE RETROACTION RELATIVE A DES COMPORTEMENTS DE CONDUITE**
[72] PALMER, JASON, US
[72] FREITAS, MARK, US
[72] DENINGER, DANIEL A., US
[72] FORNEY, DAVID, US
[72] SLJIVAR, SLAVEN, US
[72] VAIDYA, ALEKH, US
[72] GRISWOLD, JEFFREY, US
[73] SMARTDRIVE SYSTEMS, INC., US
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[25] EN
[54] **BRAKE SHOE FOR A DRUM BRAKE HAVING OFFSET CAM FOLLOWERS**
[54] **SEGMENT DE FREIN POUR UN FREIN A TAMBOUR COMPORTANT DES SUIVEURS DE CAME DECALES**
[72] BERWANGER, FRED W., US
[73] BENDIX SPICER FOUNDATION BRAKE LLC, US
[85] 2017-04-25
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[51] **Int.Cl. B02C 13/14 (2006.01) B02C 13/282 (2006.01)**
[25] EN
[54] **CRUSHING DEVICE**
[54] **DISPOSITIF DE FRAGMENTATION**
[72] SCHARFE, OSCAR, DE
[73] PMS HANDELSKONTOR GMBH, DE
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[86] 2015-11-23 (PCT/DE2015/100497)
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[25] EN
[54] **DEVICE FOR PERFORMING A BENDING TEST**
[54] **DISPOSITIF PERMETTANT D'EFFECTUER UN ESSAI DE FLEXION**
[72] AEGERTER, JOHANNES, DE
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[25] EN
[54] **ELECTROCHEMICAL SENSOR FOR MONITORING UNDER-DEPOSIT CORROSION**
[54] **CAPTEUR ELECTROCHIMIQUE DE SURVEILLANCE DE CORROSION SOUS DEPOT**
[72] JOVANCICEVIC, VLADIMIR, US
[72] RAMACHANDRAN, SUNDER, US
[72] MENENDEZ, CARLOS M., US
[73] BAKER HUGHES INCORPORATED, US
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[73] LAMINATED WOOD SYSTEMS, INC., US
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[54] **DEPOSIT HEATER**
[54] **CHAUFFAGE DE GISEMENT**
[72] DIEHL, DIRK, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **MEASUREMENT OF MATERIAL DIMENSIONS**
[54] **MESURAGE DE DIMENSIONS DE MATIERE**
[72] RATTUNDE, ULRICH, DE
[73] RATTUNDE & CO GMBH, DE
[85] 2017-05-19
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[25] EN
[54] **METHOD FOR SAWING A LONG PROFILE AND MACHINE FOR CUTTING SAME TO LENGTH**
[54] **PROCEDE DE SCIAGE D'UN PROFILE LONGITUDINAL ET MACHINE DE TRONCONNAGE DE CELUI-CI**
[72] RATTUNDE, ULRICH, DE
[73] RATTUNDE & CO GMBH, DE
[85] 2017-05-26
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[51] **Int.Cl. B32B 1/00 (2006.01) B32B 3/06 (2006.01) E04F 11/18 (2006.01)**
[25] EN
[54] **COMPOUND LUMBER PRODUCT**
[54] **PRODUIT DE BOIS DEBITE COMPOSE**
[72] WANG, KUNJIE, CN
[73] WANG, KUNJIE, CN
[86] (2971049)
[87] (2971049)
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[25] EN
[54] **NECROSIS INHIBITORS**
[54] **INHIBITEURS DE NECROSE**
[72] ZHANG, ZHIYUAN, CN
[72] WANG, XIAODONG, CN
[72] SU, YANING, CN
[72] RUAN, HANYING, CN
[72] REN, YAN, CN
[73] NATIONAL INSTITUTE OF BIOLOGICAL SCIENCES, BEIJING, CN
[85] 2017-06-27
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[25] EN
[54] **THERAPEUTIC AGENT FOR ISCHEMIC DISEASE**
[54] **AGENT THERAPEUTIQUE POUR MALADIES ISCHEMIQUES**
[72] WADA, YUKO, JP
[72] SHIMATANI, YUKO, JP
[72] YANO, TAKASHI, JP
[72] MASAKI, TAKESHI, JP
[73] SHINSHU UNIVERSITY, JP
[73] ANAEROPHARMA SCIENCE, INC., JP
[85] 2017-07-19
[86] 2016-01-18 (PCT/JP2016/051293)
[87] (WO2016/117508)
[30] JP (2015-007760) 2015-01-19

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[51] **Int.Cl. E21B 43/241 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **METHOD OF SOLVENT RECOVERY FROM A SOLVENT BASED HEAVY OIL EXTRACTION PROCESS**
[54] **METHODE DE RECUPERATION DE SOLVANT D'UN PROCEDE D'EXTRACTION DE PETROLE LOURD A BASE DE SOLVANT**
[72] KHALEDI, RAHMAN, CA
[72] FARSHIDI, FOROUGH, CA
[72] MOTAHHARI, HAMED R., CA
[72] SABER, NIMA, CA
[72] PUSTANYK, B. KARL, CA
[72] DELA ROSA, ERNESTO C., CA
[72] HAN, WENQIANG, CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2974711)
[87] (2974711)
[22] 2017-07-27

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **ENHANCED METHODS FOR RECOVERING VISCOUS HYDROCARBONS FROM A SUBTERRANEAN FORMATION AS A FOLLOW-UP TO THERMAL RECOVERY PROCESSES**
[54] **METHODES AMELIOREES DE RECUPERATION D'HYDROCARBURES VISQUEUX D'UNE FORMATION SOUTERRAINE COMME ETAPE QUI SUIT DES PROCEDES DE RECUPERATION THERMIQUE**
[72] MOTAHHARI, HAMED R., CA
[72] KHALEDI, RAHMAN, CA
[72] SABER, NIMA, CA
[72] DUNN, JAMES A., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2974712)
[87] (2974712)
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[25] EN
[54] **METHODS OF RECOVERING VISCOUS HYDROCARBONS FROM A SUBTERRANEAN FORMATION**
[54] **METHODES DE RECUPERATION D'HYDROCARBURES VISQUEUX D'UNE FORMATION SOUTERRAINE**
[72] MOTAHHARI, HAMED R., CA
[72] KHALEDI, RAHMAN, CA
[72] SABER, NIMA, CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2974714)
[87] (2974714)
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[25] EN
[54] **METHOD OF MANUFACTURING METAL NANO COIL**
[54] **PROCEDE DE PRODUCTION DE NANOBOBINE METALLIQUE**
[72] MURAOKA, MIKIO, JP
[72] KAMIHARA, NOBUYUKI, JP
[72] ISHIKAWA, NAOMOTO, JP
[72] TAKAYANAGI, TOSHIYUKI, JP
[72] HORIZONO, HIDEKI, JP
[72] HAYASHI, HIROAKI, JP
[72] YOSHIDA, OSAMU, JP
[72] TSUJI, KOTARO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[73] AKITA UNIVERSITY, JP
[73] TSUCHIYA CO., LTD., JP
[85] 2017-07-24
[86] 2016-02-09 (PCT/JP2016/053789)
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[30] JP (2015-023099) 2015-02-09

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[51] **Int.Cl. H03K 17/94 (2006.01) G08C 17/02 (2006.01) H01H 47/22 (2006.01) H05B 37/02 (2006.01) H02N 2/18 (2006.01)**
[25] EN
[54] **SELF-POWERED TRAINABLE SWITCHING NETWORK**
[54] **RESEAU DE COMMUTATION ENTRAINABLE A AUTO-ALIMENTATION**
[72] FACE, BRADBURY R., US
[72] BOYD, CLARK DAVIS, US
[73] FACE, BRADBURY R., US
[73] BOYD, CLARK DAVIS, US
[86] (2977307)
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[22] 2001-11-21
[62] 2,776,360
[30] US (60/252,228) 2000-11-21

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[25] EN
[54] **SURFACE SOLAR SYSTEM**
[54] **SYSTEME SOLAIRE EN SURFACE**
[72] HU, XIAOPING, CN
[73] BOLYMEDIA HOLDINGS CO. LTD., US
[73] HU, XIAOPING, CN
[85] 2017-08-31
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[25] EN
[54] **WIND TURBINE SUITABLE FOR MOUNTING WITHOUT A WIND TURBINE TOWER**
[54] **EOLIENNE CONVENANT A UNE INSTALLATION SANS TOUR D'EOLIENNE**
[72] O'HAGAN, PETER K., CA
[73] O'HAGAN, PETER K., CA
[85] 2017-09-01
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[25] EN
[54] **PLASTIC BAG MAKING APPARATUS**
[54] **MACHINE DE FABRICATION DE SACS**
[72] TOTANI, MIKIO, JP
[73] TOTANI CORPORATION, JP
[85] 2017-09-12
[86] 2016-03-23 (PCT/JP2016/059217)
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[25] EN
[54] **PHASE MODULATOR FOR FIBER-OPTIC GYROSCOPES CONTROLLED IN A ZERO-MEAN MANNER AND A FIBER-OPTIC GYROSCOPE**
[54] **MODULATEUR DE PHASE DE GYROSCOPES A FIBRE OPTIQUE CONTROLE D'UNE MANIERE DE MOYENNE NULLE ET GYROSCOPE A FIBRE OPTIQUE**
[72] SPAHLINGER, GUNTER, DE
[72] DEPPE-REIBOLD, OLAF, DE
[73] NORTHROP GRUMMAN LITEF GMBH, DE
[85] 2017-09-21
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[30] DE (10 2015 004 039.1) 2015-03-27

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[54] **DRY POWDER VANCOMYCIN COMPOSITIONS AND ASSOCIATED METHODS**
[54] **COMPOSITIONS DE POUDRE SECHE DE VANCOMYCINE ET METHODES ASSOCIEES**
[72] LORD, JOHN, US
[72] JOUHIKAINEN, JAAKKO TANELI, US
[72] SNYDER, HERMAN E., US
[72] SONI, PRAVIN, US
[72] KUO, MEI-CHANG, US
[73] SAVARA INC., US
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[54] **FOUNDING LADDER SYSTEM**
[54] **DISPOSITIF A FONDERIE POUR ECHELLE**
[72] BECKER, ALLAN JAMES, CA
[72] WILSON, STEPHEN, CA
[73] ALUMA SYSTEMS INC., CA
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[25] EN
[54] **SKID STRUCTURE FOR UNDERWATER SEISMIC EXPLORATION**
[54] **STRUCTURE DE PATIN POUR PROSPECTION SISMIQUE SOUS-MARINE**
[72] FYFFE, ROGER L., US
[72] MARC, ETIENNE, US
[73] FAIRFIELD INDUSTRIES, INC., US
[85] 2017-11-29
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[87] (WO2017/173174)
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[51] **Int.Cl. G10L 19/008 (2013.01) H04S 5/00 (2006.01)**
[25] EN
[54] **RECONSTRUCTING AUDIO SIGNALS WITH MULTIPLE DECORRELATION TECHNIQUES AND DIFFERENTIALLY CODED PARAMETERS**
[54] **RECONSTRUCTION DE SIGNAUX AUDIO AU MOYEN DE TECHNIQUES DE DECORRELATION MULTIPLE ET DE PARAMETRES CODES DE MANIERE DIFFERENTIELLE**
[72] DAVIS, MARK FRANKLIN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
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[87] (2992125)
[22] 2005-02-28
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[54] **FUEL CELL STACK**
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**
[72] KAGEYAMA, KAZUHIRO, JP
[72] FURUKAWA, SATOMI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-17
[86] 2015-07-17 (PCT/JP2015/070557)
[87] (WO2017/013710)

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[51] **Int.Cl. F16F 15/32 (2006.01) F16F 15/34 (2006.01)**
[25] EN
[54] **WHEEL BALANCING WEIGHT AND METHOD OF MANUFACTURE**
[54] **POIDS D'EQUILIBRAGE DE ROUE ET PROCEDE DE FABRICATION**
[72] MCMAHON, CHARLES ROBERT, US
[73] WEGMANN, AUTOMOTIVE USA INC., US
[86] (2992895)
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[51] **Int.Cl. G01C 21/34 (2006.01) G08G 1/0969 (2006.01)**
[25] EN
[54] **ROUTE GUIDANCE DEVICE AND ROUTE GUIDANCE METHOD**
[54] **DISPOSITIF DE GUIDAGE ROUTIER ET PROCEDE DE GUIDAGE ROUTIER**
[72] NAKAJIMA, TOSHIHARU, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-25
[86] 2015-07-27 (PCT/JP2015/071235)
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[25] EN
[54] **BRAKING CONTROL DEVICE AND BRAKING CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE DE FREINAGE ET PROCEDE DE COMMANDE DE FREINAGE**
[72] TAKAE, YASUHIKO, JP
[72] SUGANO, TAKESHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-01-25
[86] 2015-07-27 (PCT/JP2015/071257)
[87] (WO2017/017764)

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[51] **Int.Cl. B67D 1/08 (2006.01) B67D 1/12 (2006.01)**
[25] EN
[54] **FITTING FOR A CASK HAVING AN OVERPRESSURE FUNCTION**
[54] **RACCORD MUNI D'UNE FONCTION DE SURPRESSION POUR RECIPIENTS A BOISSONS**
[72] STEINMETZ, HARALD, DE
[72] SOMMER, PHILIPP, DE
[72] WOLTER, MIRCO, DE
[73] DSI GETRANKEARMATUREN GMBH, DE
[85] 2018-02-02
[86] 2016-07-22 (PCT/DE2016/100330)
[87] (WO2017/025080)
[30] DE (10 2015 113 387.3) 2015-08-13

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[51] **Int.Cl. A61M 39/28 (2006.01)**
[25] EN
[54] **BREAKER DEVICE FOR ACTING ONTO A CLOSURE ELEMENT OF A MEDICAL TUBING**
[54] **DISPOSITIF DE COUPURE POUR AGIR SUR UN ELEMENT DE FERMETURE D'UNE TUBULURE MEDICALE**
[72] BRUCKNER, THOMAS, DE
[72] HENNECKE, CHRISTIAN, DE
[73] FRESENIUS KABI DEUTSCHLAND GMBH, DE
[85] 2018-02-09
[86] 2016-08-01 (PCT/EP2016/068263)
[87] (WO2017/045825)
[30] EP (15185069.0) 2015-09-14

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[51] **Int.Cl. F01C 9/00 (2006.01) F01C 21/08 (2006.01)**
[25] EN
[54] **ROTATIONAL DISPLACEMENT APPARATUS**
[54] **APPAREIL DE DEPLACEMENT EN ROTATION**
[72] FENTON, JONATHAN PAUL, GB
[73] FETU LIMITED, GB
[85] 2018-05-23
[86] 2016-08-05 (PCT/GB2016/052429)
[87] (WO2017/089740)
[30] GB (1520830.9) 2015-11-25
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September 9, 2018 to September 15, 2018

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[25] EN
[54] **INSTANT ELECTRODE WATER HEATER**
[54] **CHAUFFE-EAU A ELECTRODE INSTANTANNE**
[72] MAHONEY, JEFF, CA
[71] 3278470 NOVA SCOTIA LIMITED, CA
[22] 2017-03-09
[41] 2018-09-09

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[51] **Int.Cl. A61F 2/06 (2013.01)**
[25] EN
[54] **VASCULAR GRAFT**
[54] **GREFFON VASCULAIRE**
[72] MOON, BYUNG, CA
[71] MOON, BYUNG, CA
[22] 2017-03-09
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[51] **Int.Cl. C09D 5/14 (2006.01) A47C 12/00 (2006.01) A61G 12/00 (2006.01) C09D 167/00 (2006.01)**
[25] EN
[54] **STEP STOOL WITH ANTI-MICROBIAL PROTECTION**
[54] **ESCABEAU DOTE D'UNE PROTECTION ANTIMICROBIENNE**
[72] GOLDBERG, MITCHELL K., CA
[71] BATRIK MEDICAL MANUFACTURING INC., CA
[22] 2017-03-09
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[51] **Int.Cl. A61G 5/10 (2006.01) A47G 23/02 (2006.01) A47G 29/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **T'ING COFFEE CADDY**
[54] **PLATEAU A CAFE ET COLLATION**
[72] MCLEAN, KRISTINE R., CA
[72] PULLAM, THOMAS A., CA
[71] MCLEAN, KRISTINE R., CA
[71] PULLAM, THOMAS A., CA
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[13] A1
[51] **Int.Cl. A63B 67/00 (2006.01) A47G 27/02 (2006.01) G09F 19/22 (2006.01)**
[25] EN
[54] **DARTS MAT IMPRINTED WITH TABLES OF 3-DART AND 2-DART FINISHES**
[54] **CIBLE DE FLECHETTES IMPRIMEE DE TABLES DE FINIS A 3 FLECHETTES ET 2 FLECHETTES**
[72] LORIMER, WILLIAM R., CA
[72] LORIMER, CAROL B., CA
[71] LORIMER, WILLIAM R., CA
[71] LORIMER, CAROL B., CA
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[41] 2018-09-09

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[13] A1
[51] **Int.Cl. F03B 17/04 (2006.01) F03G 7/04 (2006.01) F03G 7/10 (2006.01)**
[25] EN
[54] **ENGINE ACTUATED BY STATIC PRESSURE AND REACTIONLESS DRIVE**
[54] **MOTEUR ACTIONNE PAR PRESSION STATIQUE ET ENTRAINEMENT SANS REACTION**
[72] AROV, ANATOLY, CA
[72] AROV, ANNA, CA
[71] AROV, ANATOLY, CA
[71] AROV, ANNA, CA
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[51] **Int.Cl. C07D 471/04 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF TADALAFIL AND INTERMEDIATES THEREOF**
[54] **PROCEDES DE PREPARATION DE TADALAFIL ET D'INTERMEDIAIRES ASSOCIES**
[72] BODHURI, PRABHUDAS, CA
[72] CECCARELLI, ALFREDO PAUL, CA
[72] WEERATUNGA, GAMIMI, CA
[72] GORIN, BORIS, CA
[71] APOTEX INC., CA
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[25] EN
[54] **MAGNETIC MOUNTING APPARATUS AND METHOD**
[54] **APPAREIL D'INSTALLATION MAGNETIQUE ET METHODE**
[72] ZHU, YIRAN, CN
[71] SUZHOU UNI-SOLUTION IMPORT AND EXPORT CO., LTD., CN
[22] 2017-03-10
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[13] A1
[51] **Int.Cl. A45F 3/14 (2006.01) A45F 3/04 (2006.01)**
[25] EN
[54] **ADJUSTABLE HARNESS FOR BACKPACKS AND METHOD OF USING THE SAME**
[54] **HARNAIS AJUSTABLE DESTINE A DES SACS A DOS ET METHODE D'UTILISATION ASSOCIEE**
[72] PICHE-ROUILLARD, SIDNEY, CA
[71] LES SACS BAKU INC., CA
[22] 2017-03-10
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[51] **Int.Cl. B66F 7/06 (2006.01) B66B 9/00 (2006.01) B66B 9/08 (2006.01) E04G 1/18 (2006.01) E04G 5/14 (2006.01)**
[25] EN
[54] **LIFT WITH TELESCOPIC PLATFORM AND GUARD RAILS**
[54] **APPAREIL DE LEVAGE EQUIPE D'UNE PLATEFORME TELESCOPIQUE ET DE GARDE-CORPS**
[72] UNKNOWN, ZZ
[71] SHARIF, AMIR, CA
[22] 2017-03-10
[41] 2018-09-10

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[13] A1
[51] **Int.Cl. H01M 10/056 (2010.01) H01M 10/0525 (2010.01)**
[25] FR
[54] **ELECTROLYTE COMPOSITION AND ITS USE IN LITHIUM-ION BATTERIES**
[54] **COMPOSITION D'ELECTROLYTE ET SON UTILISATION DANS DES BATTERIES LITHIUM-ION**
[72] PAILLET, SABRINA, FR
[72] SCHMIDT, GREGORY, FR
[72] CAYREFOURCQ, IAN, FR
[72] HAMEL-PAQUET, JULIE, CA
[72] DARWICHE, ALI, CA
[72] GIRARD, GABRIEL, CA
[72] FRECHETTE, JOEL, CA
[72] LADOUCEUR, SEBASTIEN, CA
[72] GUERFI, ABDELBAST, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
[71] ARKEMA FRANCE, FR
[22] 2017-03-10
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[13] A1
[51] **Int.Cl. H04M 11/06 (2006.01) H04M 1/738 (2006.01)**
[25] EN
[54] **SIGNAL SPLITTER/COMBINER WITH AN ELECTRO-MAGNETIC INTERFERENCE FILTER**
[54] **DIVISEUR/COMBINEUR DE SIGNAUX DOTE D'UN FILTRE D'INTERFERENCE ELECTROMAGNETIQUE**
[72] DELAY, SHAWN M., CA
[72] TODORIC, SAVO, CA
[72] ADAMS, RUSSELL D., US
[71] COMTEST NETWORKS INC., CA
[22] 2017-03-10
[41] 2018-09-10

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[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01) G16H 50/20 (2018.01) A61B 3/12 (2006.01) A61B 3/14 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **AN AUTOMATED SYSTEM FOR MEASUREMENT OF ZONE 1 IN ASSESSMENT OF SEVERITY OF RETINOPATHY OF PREMATURITY**
[54] **UN SYSTEME AUTOMATISE SERVANT A MESURER LA ZONE 1 DANS L'EVALUATION DE LA GRAVITE DE LA RETINOPATHIE DE PREMATURITE**
[72] TRESE, MICHAEL T., US
[72] DRENSER, KIMBERLY, US
[72] PARK, CARL, US
[72] CAPONE, ANTONIO, JR., US
[71] TRESE, MICHAEL T., US
[71] DRENSER, KIMBERLY, US
[71] PARK, CARL, US
[71] CAPONE, ANTONIO, JR., US
[22] 2017-03-10
[41] 2018-09-10

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[13] A1
[51] **Int.Cl. A47G 23/04 (2006.01) A45F 3/18 (2006.01) A47G 19/22 (2006.01) A47G 19/26 (2006.01) A47J 41/00 (2006.01)**
[25] EN
[54] **BEVERAGE CONTAINER**
[54] **CONTENANT DE BOISSON**
[72] PAN, DANHONG, CN
[71] POLYCONCEPT NORTH AMERICA, INC., US
[22] 2017-03-10
[41] 2018-09-10

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[13] A1
[51] **Int.Cl. A47C 19/00 (2006.01) A47C 19/02 (2006.01) F16B 12/54 (2006.01)**
[25] EN
[54] **IMPROVED CORNER ASSEMBLY FOR A MODULAR BED FOUNDATION**
[54] **ASSEMBLAGE DE COIN AMELIORE DESTINE A UNE BASE DE LIT MODULAIRE**
[72] RODGERS, DENNIS L., US
[72] RODGERS, CHASE T., US
[71] FOREVER FOUNDATIONS & FRAME, LLC, US
[22] 2017-03-10
[41] 2018-09-10

[21] **2,960,545**
[13] A1
[51] **Int.Cl. F41A 5/12 (2006.01) F41A 3/56 (2006.01) F41A 3/78 (2006.01) F41A 3/82 (2006.01)**
[25] EN
[54] **THE METHOD OF CONTROLLING OF THE MOTION PARAMETERS OF A BOLT BY MEANS OF SUPPORTING ITS RECOIL SPRING ONTO THE MOVABLE PART THAT IS MOVING INTO THE FIRING DIRECTION UNDER ACTION OF PROPELLANT GASES OF THE SHOT. MODULAR FIREARMS HAVING THE SELF-BALANCING RECHARGING MECHANISM WITH DECREASED RECOIL FORCE, WHICH ARE DESIGNED ON THE BASIS OF THIS METHOD**
[54] **LA METHODE DE CONTROLE DES PARAMETRES DE MOUVEMENT D'UN BOULON EN SOUTENANT SON RESSORT DE RECUL DANS LA PIECE MOBILE QUI SE DEPLACE DANS LA DIRECTION DU TIR SOUS L'ACTION DES GAZDE SOUTENEMENT DU TIR. ARMES A FEU MODULAIRES COMPORTANT UN MECANISME AUTO-EQUILIBRANT A FORCE DE RECUL REDUITE, QUI SONT CONCUES A PARTIR DE CETTE METHODE**
[72] KAGANITSKY, GRIGORY, CA
[71] KAGANITSKY, GRIGORY, CA
[22] 2017-03-13
[41] 2018-09-13

[21] **2,960,563**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **GIFT CARD RELOAD REWARD SYSTEM**
[54] **SYSTEME DE FIDELISATION A CARTE CADEAU RECHARGEABLE**
[72] POPTIA, ZAHEED, CA
[71] CARDSWAP INC, CA
[22] 2017-03-13
[41] 2018-09-13

[21] **2,960,568**
[13] A1
[51] **Int.Cl. B25B 13/06 (2006.01) B25B 13/58 (2006.01) B25B 13/46 (2006.01)**
[25] EN
[54] **SOCKET AND SOCKET EXTENSION WITH DUAL DRIVE ADAPTER**
[54] **DOUILLE ET RALLONGE DE DOUILLE A ADAPTATEUR A DOUBLE ENTRAINEMENT**
[72] GARCIA, CARL ALLEN P., CA
[71] GARCIA, CARL ALLEN P., CA
[22] 2017-03-13
[41] 2018-09-13

[21] **2,960,571**
[13] A1
[51] **Int.Cl. C09K 17/00 (2006.01)**
[25] EN
[54] **A COMPOSITION, METHOD AND APPARATUS FOR CAPPING INDUSTRIAL SOFT TAILINGS BY IN SITU POLYMERIZATION**
[54] **COMPOSITION, METHODE ET APPAREIL DE RECOUVREMENT DE RESIDUS MOUS INDUSTRIELS PAR POLYMERISATION SUR PLACE**
[72] GU, GUOXING, CA
[71] GU, GUOXING, CA
[22] 2017-03-13
[41] 2018-09-13

[21] **2,960,577**
[13] A1
[51] **Int.Cl. A45F 5/00 (2006.01) A45C 11/00 (2006.01)**
[25] EN
[54] **A PORTABLE LOCKET TO RELEASABLY HOLD AN ARITCLE THAT CAN BE READILY INSERTED AND REMOVED WITH ONE HAND, WHILE PREVENTING ITS ACCIDENTAL FALL THEREFROM. A INTERGRAL SPRING CLIP ATTACHES THE LOCKET TO VARIETY OF SURFACES**
[54] **UN LOQUET PORTATIF MAINTENANT DE MANIERE DEGAGEABLE UN ARTICLE QUI PEUT ETRE FACILEMENT INSERE ET RETIRE AVEC UNE MAIN, TOUT EN EMPECHANT LA CHUTE ACCIDENTELLE - UNE PINCE A RESSORT INTEGRALE FIXANT LE LOQUET A UNE VARIETE DE SURFACES**
[72] MACKELVIE, WINSTON, CA
[71] MACKELVIE, WINSTON, CA
[22] 2017-03-13
[41] 2018-09-13

[21] **2,960,610**
[13] A1
[51] **Int.Cl. C09D 183/10 (2006.01) C09D 5/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR MAKING DRY-ERASABLE COATINGS**
[54] **COMPOSITIONS DE FABRICATION DE REVETEMENTS EFFACABLES A SEC**
[72] CORDERO BASAVE, JAIME, MX
[72] PEREZ CABALLERO, MARIA GUADALUPE, MX
[71] CONSORCIO COMEX S.A. DE C.V., MX
[22] 2017-03-13
[41] 2018-09-13

[21] **2,960,639**
[13] A1
[51] **Int.Cl. B60P 1/26 (2006.01) B60P 1/267 (2006.01)**
[25] EN
[54] **END DUMP AND OTHER CONTAINERS WITH BAFFLES, ROOF LOCKS, AND SPLASH GUARDS**
[54] **BENNE ARRIERE ET AUTRES CONTENEURS DOTES DE CHICANES, VERROUS DE TOIT ET PARE-BOUE**
[72] KALLAY, IAN, CA
[72] KJORLIEN, TYLER, CA
[72] KJORLIEN, MITCH, CA
[72] KJORLIEN, KODY, CA
[71] M.K. HOLDINGS LTD., CA
[22] 2017-03-14
[41] 2018-09-14

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[13] A1
[51] **Int.Cl. A47K 7/04 (2006.01) A47K 7/08 (2006.01)**
[25] EN
[54] **HANDHELD MANUALLY OPERATED PORTABLE BIDET**
[54] **BIDET PORTATIF A FONCTIONNEMENT MANUEL TENU A LA MAIN**
[72] CROMP, DAVID A., CA
[71] CROMP, DAVID A., CA
[22] 2017-03-14
[41] 2018-09-14

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[21] **2,960,648**
[13] A1
[51] **Int.Cl. E03C 1/30 (2006.01)**
[25] EN
[54] **OBSTRUCTION CLEARING ASSEMBLY**
[54] **APPAREIL DE NETTOYAGE D'OBSTRUCTION**
[72] ROSAL, ARIES M., US
[71] ROSAL, ARIES M., US
[22] 2017-03-09
[41] 2018-09-09

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[21] **2,960,665**
[13] A1
[51] **Int.Cl. C08F 2/01 (2006.01) C08F 10/02 (2006.01)**
[25] EN
[54] **METHOD TO CONTROL MELT ELASTICITY IN LDPE**
[54] **METHODE DE CONTROLE DE L'ELASTICITE DE FUSION DANS LE POLYETHYLENE BASSE DENSITE**
[72] KESHTKAR, MEHDI, CA
[72] HULET, CRAIG ALLAN, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2017-03-14
[41] 2018-09-14

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[13] A1
[51] **Int.Cl. B60Q 1/00 (2006.01) B60D 1/58 (2006.01)**
[25] EN
[54] **FIFTH WHEEL-KING PIN LIGHT (PIN-JAW LITE)**
[54] **LUMIERE DE CHEVILLE D'ATTELAGE DE CARAVANE A SELLETTE**
[72] BRYANT, GORDON F., CA
[71] BRYANT, GORDON F., CA
[22] 2017-03-13
[41] 2018-09-13

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[21] **2,960,708**
[13] A1
[51] **Int.Cl. F04C 2/08 (2006.01) F04C 2/107 (2006.01) F04C 13/00 (2006.01) F04C 15/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PUMPING A RESERVOIR**
[54] **APPAREIL ET METHODE DE POMPAGE D'UN RESERVOIR**
[72] COTE, BRENNON L., CA
[71] LEIGH TECHNOLOGIES INC., CA
[22] 2017-03-14
[41] 2018-09-14

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[21] **2,960,720**
[13] A1
[51] **Int.Cl. A63F 3/06 (2006.01) G07F 17/32 (2006.01)**
[25] EN
[54] **LOTTO SPORTS GAME**
[54] **JEU SPORTIF DE STYLE LOTTO**
[72] MATTURRO, PAUL, US
[71] MATTURRO, PAUL, US
[22] 2017-03-15
[41] 2018-09-15

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[13] A1
[51] **Int.Cl. A47J 33/00 (2006.01) A45F 3/18 (2006.01) A47J 27/08 (2006.01) A47J 27/212 (2006.01) A47J 36/38 (2006.01)**
[25] EN
[54] **HEATABLE CANTEEN**
[54] **CANTINE CHAUFFABLE**
[72] ANERINO, DANIEL J., US
[71] ANERINO, DANIEL J., US
[22] 2017-03-15
[41] 2018-09-09
[30] US (15/455,125) 2017-03-09

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[21] **2,961,025**
[13] A1
[51] **Int.Cl. G03B 17/56 (2006.01) G06K 9/18 (2006.01) H04N 5/30 (2006.01)**
[25] FR
[54] **A METHOD AND SYSTEM FOR MATCHING PHOTOS WITH THEIR SUBJECT**
[54] **UNE METHODE ET UN SYSTEME DE MISE EN CORRESPONDANCE DE PRISES DE VUE AVEC LEUR SUJET**
[72] CHARRON, MICHEL, CA
[71] SPECTRA-VISUEL INC., CA
[22] 2017-03-13
[41] 2018-09-13

[21] **2,961,055**
[13] A1
[51] **Int.Cl. E04F 11/18 (2006.01) E04H 17/00 (2006.01)**
[25] EN
[54] **HANDRAIL AND RAILING ASSEMBLY**
[54] **ENSEMBLE DE GARDE-CORPS ET RAMBARDE**
[72] KUO, CHINGYAO, CN
[72] LIEFKE, NORMAN WILLIAM, CA
[71] KUO, CHINGYAO, CN
[71] LIEFKE, NORMAN WILLIAM, CA
[22] 2017-03-13
[41] 2018-09-13

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[13] A1
[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/06 (2006.01) A47J 31/18 (2006.01) A47J 31/20 (2006.01)**
[25] EN
[54] **ICED TEA PRESS AND METHOD OF USING SAME**
[54] **PRESSE A THE GLACE ET METHODE D'UTILISATION ASSOCIEE**
[72] SHAW, DAVID, CA
[71] DAVIDSTEA INC., CA
[22] 2017-03-14
[41] 2018-09-14

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[13] A1
[51] **Int.Cl. F04D 7/04 (2006.01) B26D 1/143 (2006.01) F04D 29/22 (2006.01)**
[25] EN
[54] **CHOPPER PUMP WITH DOUBLE-EDGED CUTTING BARS**
[54] **POMPE DE HACHEUR DOTEE DE BARRES DE COUPE A DOUBLE BORD**
[72] KEERAN, KENT, US
[72] SWENSON, ARNE, US
[71] VAUGHAN COMPANY, INC., US
[22] 2017-03-17
[41] 2018-09-13
[30] US (15/457,405) 2017-03-13

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[21] **2,961,226**
[13] A1
[51] **Int.Cl. B60D 1/58 (2006.01)**
[25] EN
[54] **HITCH NOISE PREVENTION DEVICE**
[54] **DISPOSITIF DE PREVENTION DE BRUIT D'ATTELAGE**
[72] GARCIA, MARCO, US
[72] HAMBY, DAN, US
[71] U-HAUL INTERNATIONAL, INC., US
[22] 2017-03-20
[41] 2018-09-14
[30] US (15/458,608) 2017-03-14

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[21] **2,962,063**
[13] A1
[51] **Int.Cl. B01D 11/02 (2006.01) B01D 3/40 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR THE FAST EXTRACTION OF CHEMICALS IN A SUBSTRATE USING A HYDROCARBON SOLVENT**
[54] **METHODE ET DISPOSITIF D'EXTRACTION RAPIDE DE PRODUITS CHIMIQUES DANS UN SUBSTRAT AU MOYEN D'UN SOLVANT AUX HYDROCARBURES**
[72] NOBLE, LINDEN, CA
[71] NOBLE, LINDEN, CA
[22] 2017-03-23
[41] 2018-09-15
[30] US (15/459,989) 2017-03-15

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[13] A1
[51] **Int.Cl. C04B 30/00 (2006.01) B28B 1/00 (2006.01) B28B 17/02 (2006.01)**
[25] FR
[54] **CRYSTALLIZED SAND BLOCK**
[54] **BLOC DE SABLE CRYSTALLISE**
[72] GRAVEL, ANDRE A.G., CA
[71] GRAVEL, ANDRE A.G., CA
[22] 2017-05-11
[41] 2018-09-10
[30] CA (2,960,488) 2017-03-10

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[13] A1
[51] **Int.Cl. B25B 27/10 (2006.01) F16L 37/091 (2006.01)**
[25] EN
[54] **PUSH-TO-CONNECT FITTING REMOVAL TOOL**
[54] **OUTIL DE RETRAIT D'UN RACCORD EMBOITE**
[72] YONTZ, PHILLIP T., US
[72] ZHANG, LEI, US
[72] POLOFSKY, JEFFREY A., US
[71] CONBRACO INDUSTRIES, INC., US
[22] 2017-04-25
[41] 2018-09-15
[30] US (15/459,418) 2017-03-15

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[21] **2,965,321**
[13] A1
[51] **Int.Cl. A42B 3/18 (2006.01) A42B 3/04 (2006.01)**
[25] EN
[54] **FOOTBALL HELMET WITH CHEEK SUPPORTS**
[54] **CASQUE DE FOOTBALL DOTE DE SUPPORTS DE JOUES**
[72] ERB, ROBERT, US
[72] VANHOUTIN, LOUIS ANTHONY, US
[72] WARMOUTH, CORTNEY, US
[71] KRANOS IP CORPORATION, US
[22] 2017-04-27
[41] 2018-09-10
[30] US (15/456,279) 2017-03-10

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[13] A1
[51] **Int.Cl. H02G 3/06 (2006.01) H01R 4/66 (2006.01) H02G 15/02 (2006.01)**
[25] EN
[54] **CONNECTION ADAPTER**
[54] **ADAPTATEUR DE CONNEXION**
[72] HAAS, EDWIN, DE
[72] PATEL, DHARMESH, DE
[72] MAKKI, NOAMAN, DE
[72] HUGHES, STEVEN, DE
[71] WIELAND ELECTRIC GMBH, DE
[22] 2017-04-27
[41] 2018-09-15
[30] DE (20 2017 101 492.4) 2017-03-15

[21] **2,965,774**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1463812**
[54] **CULTIVAR DE SOYA CL1463812**
[72] DELHEIMER, JACOB CHARLES, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01
[41] 2018-09-09
[30] US (15/454,311) 2017-03-09

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[21] **2,965,778**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1463914**
[54] **CULTIVAR DE SOYA CL1463914**
[72] THRELKELD, KEVIN CHRIS, US
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01
[41] 2018-09-09
[30] US (15/454,351) 2017-03-09

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[21] **2,968,583**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1215342**
[54] **CULTIVAR DE SOYA AR1215342**
[72] LEE, DAVID SCOTT, CA
[72] MCCLURE, DONALD BRUCE, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-13
[30] US (15/456,620) 2017-03-13

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1463739**
[54] **CULTIVAR DE SOYA CL1463739**
[72] LEE, DAVID SCOTT, CA
[72] ERDAHL, BRIAN SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-13
[30] US (15/456,614) 2017-03-13

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1319046**
[54] **CULTIVAR DE SOYA AR1319046**
[72] LEE, DAVID SCOTT, CA
[72] MCCLURE, DONALD BRUCE, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-14
[30] US (15/458,039) 2017-03-14

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1215867-2**
[54] **CULTIVAR DE SOYA AR1215867-2**
[72] LEE, DAVID SCOTT, CA
[72] MCCLURE, DONALD BRUCE, CA
[72] DELHEIMER, JACOB CHARLES, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-13
[30] US (15/457,070) 2017-03-13

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1215867-1**
[54] **CULTIVAR DE SOYA AR1215867-1**
[72] LEE, DAVID SCOTT, CA
[72] DELHEIMER, JACOB CHARLES, US
[72] MCCLURE, DONALD BRUCE, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-13
[30] US (15/457,039) 2017-03-13

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CL1463761**
[54] **CULTIVAR DE SOYA CL1463761**
[72] LEE, DAVID SCOTT, CA
[72] ERDAHL, BRIAN, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-13
[30] US (15/456,606) 2017-03-13

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1410821**
[54] **CULTIVAR DE SOYA AR1410821**
[72] LEE, DAVID SCOTT, CA
[72] MCCLURE, DONALD BRUCE, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-14
[30] US (15/458,036) 2017-03-14

[21] **2,968,774**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SOYBEAN CULTIVAR CW1410185**
[54] **CULTIVAR DE SOYA CW1410185**
[72] DELHEIMER, JACOB CHARLES, US
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID SCOTT, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29
[41] 2018-09-13
[30] US (15/456,599) 2017-03-13

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[21] **2,970,892**
[13] A1
[51] **Int.Cl. C01F 11/22 (2006.01) C01B 9/08 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING SYNTHETIC FLUORITE GRAINS**
[54] **PROCEDE DE PRODUCTION DE GRAINS DE FLUORINE SYNTHETIQUE**
[72] LEE, TE-SHOU, TW
[72] LEE, CHUN-HAO, TW
[72] KUO, YEN-CHIH, TW
[72] CHEN, SHIN-MIN, TW
[72] LIANG, WEI LONG, TW
[71] LEE, TE-SHOU, TW
[71] LEE, CHUN-HAO, TW
[71] KUO, YEN-CHIH, TW
[71] CHEN, SHIN-MIN, TW
[71] LIANG, WEI LONG, TW
[22] 2017-06-16
[41] 2018-09-13
[30] CN (201710145882.4) 2017-03-13

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[13] A1
[51] **Int.Cl. B60S 3/04 (2006.01) B65G 15/00 (2006.01) B65G 49/02 (2006.01)**
[25] EN
[54] **LIQUID INTRODUCTION SYSTEMS FOR CONVEYOR SYSTEM**
[54] **SYSTEMES D'INTRODUCTION DE LIQUIDE DESTINE A UN SYSTEME DE CONVOYEUR**
[72] STEPHENSON, ROBERT, CA
[72] BOELRYK, BART, CA
[71] STEPHENSON TECHNOLOGIES INC., CA
[22] 2017-06-23
[41] 2018-09-09
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
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[54] **BEST-RESULT-FOR-DEMANDER DEVELOPMENT APPLICATION, SUPPLIER/PROVIDER MARKET AND DEMAND MATCHING AND RELATIONSHIP MANAGEMENT SYSTEM**
[54] **APPLICATION DE DEVELOPPEMENT DU MEILLEUR RESULTAT POUR LE DEMANDEUR, CONCORDANCE ENTRE LE MARCHE FOURNISSEUR ET LA DEMANDE, ET SYSTEME DE GESTION DE LA RELATION**
[72] KANDOLA, MANMINDER, CA
[71] KANDOLA, MANMINDER, CA
[22] 2017-07-31
[41] 2018-09-10
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[51] **Int.Cl. G06F 1/16 (2006.01) A63F 13/23 (2014.01) A63F 13/24 (2014.01) G06F 3/00 (2006.01)**
[25] EN
[54] **GAME CONTROLLER WITH FLEXIBLE BRIDGE SUPPORTING TOUCH SCREEN**
[54] **COMMANDE DE JEU DOTEE D'UN ECRAN TACTILE SUR UN PONT SOUPLE**
[72] TOWNLEY, FRASER, US
[72] GAMBLE, KELLY D., US
[71] WIKIPAD, INC., US
[22] 2017-08-02
[41] 2018-09-13
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[51] **Int.Cl. G06F 1/16 (2006.01) A63F 13/23 (2014.01) A63F 13/24 (2014.01) G06F 3/00 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **COMBINATION COMPUTING DEVICE AND GAME CONTROLLER WITH TOUCH SCREEN INPUT**
[54] **COMBINAISON D'APPAREIL INFORMATIQUE ET DE COMMANDE DE JEU A ECRAN TACTILE**
[72] TOWNLEY, FRASER, US
[72] GAMBLE, KELLY D., US
[71] WIKIPAD, INC., US
[22] 2017-08-02
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[51] **Int.Cl. E04G 15/06 (2006.01) E04G 11/08 (2006.01)**
[25] EN
[54] **CONCRETE FORM SYSTEM**
[54] **SYSTEME DE MOULE DE BETON**
[72] GONZALEZ, ADRIAN RIVERA, CA
[71] GONZALEZ, ADRIAN RIVERA, CA
[22] 2017-08-28
[41] 2018-09-09
[30] US (15/455,087) 2017-03-09

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[51] **Int.Cl. E21B 17/042 (2006.01) F16L 15/06 (2006.01)**
[25] EN
[54] **PREMIUM THREADED CONNECTION AND METHOD FOR MAKING SAME**
[54] **CONNEXION FILETEE DE PREMIERE QUALITE ET PROCEDE DE FABRICATION ASSOCIE**
[72] HRUSCHAK, MILTON, CA
[71] 2010990 ALBERTA LTD., CA
[22] 2017-08-31
[41] 2018-09-13
[30] US (62/470,541) 2017-03-13

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[13] A1
[51] **Int.Cl. B01D 53/18 (2006.01) B01D 53/48 (2006.01)**
[25] EN
[54] **DESULFURIZATION ABSORPTION TOWER, METHOD FOR SETTING UP THE SAME AND METHOD FOR OPERATING THE SAME**
[54] **TOUR D'ABSORPTION DE DESULFURATION, METHODE D'ETABLISSEMENT DE LADITE TOUR ET METHODE D'EXPLOITATION DE LADITE TOUR**
[72] LUO, JING, CN
[72] ZHANG, CONGZHI, CN
[72] LUO, YONGYING, CN
[71] JIANGSU NEW CENTURY JIANGNAN ENVIRONMENTAL PROTECTION INC., LTD, CN
[22] 2017-10-18
[41] 2018-09-12
[30] CN (201710533738.8) 2017-07-03

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[13] A1
[51] **Int.Cl. G06K 19/00 (2006.01) G06Q 20/40 (2012.01) H04N 5/335 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMAGE CAPTURE TO VECTOR FORMAT LASERING ENGINE**
[54] **SYSTEMES ET METHODES DE CAPTURE D'IMAGE DESTINEE A UNE MACHINE D'IMPRESSION LASER DE FORMAT VECTEUR**
[72] SUTHAR, OM J., US
[72] ZHAO, JIAWEI, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2017-10-25
[41] 2018-09-10
[30] US (62/470,053) 2017-03-10
[30] US (15/702,213) 2017-09-12
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[25] EN
[54] **MAGNETIC MOUNTING APPARATUS ANDS METHOD**
[54] **APPAREIL D'INSTALLATION MAGNETIQUE ET METHODE**
[72] ZHU, YIRAN, CN
[71] SUZHOU UNI-SOLUTION IMPORT AND EXPORT CO., LTD., CN
[22] 2017-11-20
[41] 2018-09-10
[30] CA (2,960,475) 2017-03-10

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[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **ELECTRIC LOCK AND CLUTCH MECHANISM THEREOF**
[54] **VERROU ELECTRIQUE ET MECANISME D'EMBRAYAGE ASSOCIE**
[72] HUANG, LIEN-HSI, CN
[72] LEE, WEN-CHIEH, CN
[71] TAIWAN FU HSING INDUSTRIAL CO., LTD., CN
[22] 2018-01-08
[41] 2018-09-15
[30] TW (106108461) 2017-03-15

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[51] **Int.Cl. B65G 67/02 (2006.01) B65G 21/00 (2006.01) B65G 67/08 (2006.01)**
[25] EN
[54] **VEHICLE FOR RECEIVING AND DELIVERING AGRICULTURAL SEEDS AND OTHER GRANULAR MATERIAL**
[54] **VEHICULE DE RECEPTION ET DISTRIBUTION DE SEMENCES AGRICOLES ET AUTRES MATIERES GRANULAIRES**
[72] WOOD, JAMES E., US
[71] J. & M. MANUFACTURING CO., INC., US
[22] 2018-01-11
[41] 2018-09-09
[30] US (15/454,061) 2017-03-09

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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **METER ROLLER FOR AN AGRICULTURAL METERING SYSTEM**
[54] **ROULEAU DOSEUR POUR SYSTEME DE DOSAGE AGRICOLE**
[72] CLOUTIER BOILY, GUILLAUME, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2018-01-12
[41] 2018-09-09
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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **FLOW CONTROL INSERT FOR AN AGRICULTURAL METERING SYSTEM**
[54] **INSERTION DE CONTROLE D'ECOULEMENT POUR SYSTEME DE DOSAGE AGRICOLE**
[72] CLOUTIER BOILY, GUILLAUME, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2018-01-12
[41] 2018-09-14
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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **METER ROLLER FOR AN AGRICULTURAL METERING SYSTEM**
[54] **ROULEAU DOSEUR POUR SYSTEME DE DOSAGE AGRICOLE**
[72] CLOUTIER BOILY, GUILLAUME, CA
[72] THOMPSON, DENNIS GEORGE, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[72] CHAHLEY, DENNIS W., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2018-01-12
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[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **METER ROLLER FOR AN AGRICULTURAL METERING SYSTEM**
[54] **ROULEAU DOSEUR DESTINE A UN SYSTEME DE DOSAGE AGRICOLE**
[72] CLOUTIER BOILY, GUILLAUME, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2018-01-12
[41] 2018-09-10
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[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **FLOW CONTROL INSERT FOR AN AGRICULTURAL METERING SYSTEM**
[54] **INSERTION DE CONTROLE D'ECOULEMENT POUR SYSTEME DE DOSAGE AGRICOLE**
[72] CLOUTIER BOILY, GUILLAUME, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2018-01-12
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[13] A1
[51] **Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **METER ROLLER FOR AN AGRICULTURAL METERING SYSTEM**
[54] **ROULEAU DOSEUR POUR SYSTEME DE DOSAGE AGRICOLE**
[72] CLOUTIER BOILY, GUILLAUME, CA
[72] THOMPSON, DENNIS GEORGE, CA
[72] BENT, ETHAN CURTIS STEPHEN, CA
[72] CHAHLEY, DENNIS W., CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
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[41] 2018-09-09
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[25] EN
[54] **INTER-SHAFT BEARING ARRANGEMENT**
[54] **DISPOSITION DE PALIER INTER-ARBRE**
[72] MACFARLANE, IAN A., CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-15
[41] 2018-09-14
[30] US (15/458,305) 2017-03-14

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[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **INTER-SHAFT BEARING CONNECTED TO A COMPRESSOR BOOST SYSTEM**
[54] **PALIER INTER-ARBRE RELIE A UN SYSTEME DE STIMULATION DE COMPRESSEUR**
[72] MACFARLANE, IAN A., CA
[72] POWERS, SEAN, CA
[72] POULIN, MARTIN, CA
[72] FOREST, JEAN-JACQUES, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-15
[41] 2018-09-14
[30] US (62/471,018) 2017-03-14
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[13] A1
[51] **Int.Cl. F23R 3/00 (2006.01) F02C 3/14 (2006.01) F23R 3/02 (2006.01)**
[25] EN
[54] **CHAMBER FED COMBUSTOR COWL**
[54] **CAPOT DE CHAMBRE A COMBUSTION ALIMENTE PAR LA CHAMBRE**
[72] MCCORMICK, KEITH ALAN, US
[72] DENMAN, PAUL ASHLEY, GB
[71] ROLLS-ROYCE CORPORATION, US
[22] 2018-01-18
[41] 2018-09-13
[30] US (62/470783) 2017-03-13
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[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F02C 7/12 (2006.01) F02C 7/18 (2006.01)**
[25] EN
[54] **TURBINE HOUSING ASSEMBLY**
[54] **ASSEMBLAGE DE LOGEMENT DE TURBINE**
[72] JAIN, KAPILA, CA
[72] PHUTTHAVONG, PATRICIA, CA
[72] TARDIF, MARC, CA
[72] LEUNG, HO-WING EDMUND, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2018-01-22
[41] 2018-09-09
[30] US (15/454,589) 2017-03-09

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[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **STRUCTURE FOR ATTACHING BUTTRESS MATERIAL TO ANVIL AND CARTRIDGE OF SURGICAL STAPLING INSTRUMENT**
[54] **STRUCTURE DE FIXATION DE MATERIAU DE CONTREFORT A L'ENCLUME ET LA CARTOUCHE D'UN INSTRUMENT D'AGRAFAGE CHIRURGICAL**
[72] ARANYI, ERNIE, US
[71] COVIDIEN LP, US
[22] 2018-01-31
[41] 2018-09-09
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[51] **Int.Cl. B01F 15/00 (2006.01) A01K 5/00 (2006.01) A01K 5/02 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR A LIVESTOCK FEED MIXER**
[54] **SYSTEME DE CONTROLE D'UN MELANGEUR D'ALIMENTS DE BETAIL**
[72] ROWNTREE, BRYAN, US
[72] VEEDER, JACOB, US
[72] ZIMMERMAN, RODNEY, US
[72] WEPNER, AARON, US
[72] BASSETT, WILLIAM, US
[72] HOFFMAN, THOMAS J., US
[71] KUHN NORTH AMERICA, INC., US
[22] 2018-01-31
[41] 2018-09-13
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[51] **Int.Cl. B29C 70/38 (2006.01)**
[25] EN
[54] **FLAT COMPOSITES HAVING LAYUP FEATURES FOR FORMING INTO 3D SHAPES**
[54] **COMPOSITES PLATS COMPORTANT DES FONCTIONNALITES EN COUCHE SERVANT AU FACONNAGE DE FORMES 3D**
[72] OGALE, AMOL, US
[72] CROTHERS, PHILLIP J., US
[71] THE BOEING COMPANY, US
[22] 2018-02-02
[41] 2018-09-09
[30] US (15/454875) 2017-03-09

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[13] A1
[51] **Int.Cl. E21B 47/06 (2012.01) E21B 17/18 (2006.01) E21B 47/00 (2012.01)**
[25] FR
[54] **DOUBLE WALLED CONDUIT SECTION AND USE OF AN ACOUSTIC MEASUREMENT TRANSDUCER SYSTEM IN A REDUCED-PRESSURE RING**
[54] **TRONCON DE CONDUITE DOUBLE ENVELOPPE ET UTILISATION D'UN SYSTEME TRANSDUCTEUR ACOUSTIQUE DE MESURE DANS UN ANNULAIRE SOUS PRESSION REDUITE**
[72] DAMOUR, JEAN-AURELIEN, FR
[72] GEERTSEN, CHRISTIAN, FR
[71] ITP SA, FR
[22] 2018-02-05
[41] 2018-09-13
[30] FR (17 70 244) 2017-03-13

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[13] A1
[51] **Int.Cl. H04N 21/4363 (2011.01) H04N 19/37 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADAPTIVE STREAMING USING JPEG 2000**
[54] **SYSTEMES ET METHODES DE DIFFUSION EN FLUX ADAPTATIVE EMPLOYANT JPEG 2000**
[72] JAIN, ABHISHEK, US
[72] GREWAL, AMIT, US
[72] MOHANTY, KAMINI KANTA, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2018-02-08
[41] 2018-09-13
[30] US (15/456,898) 2017-03-13

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[51] **Int.Cl. H04B 1/28 (2006.01)**
[25] EN
[54] **LOW COST MILLIMETER WAVE RECEIVER AND METHOD FOR OPERATING SAME**
[54] **RECEPTEUR D'ONDES MILLIMETRIQUES ECONOMIQUE ET METHODE D'EXPLOITATION DUDIT RECEPTEUR**
[72] ENG, JOHN E., US
[72] YU, FRANK S., US
[71] THE BOEING COMPANY, US
[22] 2018-02-13
[41] 2018-09-13
[30] US (15/457754) 2017-03-13

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[13] A1
[51] **Int.Cl. E01C 19/05 (2006.01) B03B 5/68 (2006.01) B07B 1/00 (2006.01) B07B 1/06 (2006.01) B07B 13/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR WASHING AND GRADING SAND AND AGGREGATE**
[54] **APPAREIL DE LESSIVAGE ET CLASSEMENT DE SABLE ET D'AGREGATS**
[72] IVANOFF, ENDA, GB
[71] CDE GLOBAL LIMITED, GB
[22] 2018-02-16
[41] 2018-09-13
[30] GB (1703950.4) 2017-03-13

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[13] A1
[51] **Int.Cl. B25B 11/00 (2006.01) B23Q 1/25 (2006.01)**
[25] EN
[54] **DRIVER SHAFT SUPPORT ASSEMBLIES, SETUP ASSEMBLIES, AND CUTTING ASSEMBLIES**
[54] **ASSEMBLAGES DE SUPPORT D'ARBRE D'ENTRAINEMENT, ASSEMBLAGES D'INSTALLATION ET ASSEMBLAGES DE COUPE**
[72] EBERLEIN, MARC, US
[71] EBERLEIN, MARC, US
[22] 2018-02-20
[41] 2018-09-15
[30] US (62/471,814) 2017-03-15

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[13] A1
[51] **Int.Cl. B61F 5/38 (2006.01) B61F 5/42 (2006.01)**
[25] EN
[54] **PASSIVE STEERING FOR A THREE PIECE RAILWAY TRUCK**
[54] **DIRECTION PASSIVE DESTINEE A UN WAGON DE CHEMIN DE FER A TROIS PIECES**
[72] WIKE, PAUL STEVEN, US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2018-02-21
[41] 2018-09-09
[30] US (15/454,475) 2017-03-09

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) G06N 5/00 (2006.01) H04L 12/22 (2006.01)**
[25] EN
[54] **MULTI-MODAL, MULTI-DISCIPLINARY FEATURE DISCOVERY TO DETECT CYBER THREATS IN ELECTRIC POWER GRID**
[54] **FONCTIONNALITE DE DECOUVERTE MULTIMODALE, MULTIDISCIPLINAIRE SERVANT A DETECTER LES CYBERMENACES DANS UN RESEAU DE DISTRIBUTION ELECTRIQUE**
[72] YAN, WEIZHONG, US
[72] ABBASZADEH, MASOUD, US
[72] MESTHA, LALIT KESHAV, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2018-02-22
[41] 2018-09-09
[30] US (15/454,219) 2017-03-09

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR REAL TIME MESSAGE PROCESSING USING AN EVENT DRIVEN FRAMEWORK**
[54] **SYSTEMES ET METHODES DE TRAITEMENT DE MESSAGE EN TEMPS REEL EMPLOYANT UN CADRE ENTRAINE PAR UN EVENEMENT**
[72] BHATT, JAPAN, US
[72] NAVARIFAR, MATEN MATHEW, US
[72] PANDYA, ASUTOSH, US
[72] BALASUBRAMANIAN, BHUVANESWARI, US
[72] PASAM, VIJAYA KUMAR, US
[72] ZAGUMNY, YVONNE, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2018-02-20
[41] 2018-09-09
[30] US (15/669,600) 2017-08-04
[30] US (62/469,173) 2017-03-09

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[13] A1
[51] **Int.Cl. E02D 31/02 (2006.01) E02D 5/80 (2006.01) E04B 1/64 (2006.01)**
[25] EN
[54] **UNCOUPLING MAT**
[54] **TAPIS DE DEGAGEMENT**
[72] SCHLUTER, WERNER, DE
[71] SCHLUTER, WERNER, DE
[22] 2018-02-21
[41] 2018-09-09
[30] DE (20 2017 101 349.9) 2017-03-09

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[13] A1
[51] **Int.Cl. G10L 15/22 (2006.01) G06F 15/18 (2006.01) G06F 17/20 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING AUTOMATED NATURAL LANGUAGE DIALOGUE WITH CUSTOMERS**
[54] **SYSTEMES ET METHODES DE PRESENTATION AUTOMATISEE DE DIALOGUE EN LANGUE NATURELLE A DES CLIENTS**
[72] ZOLLER, GREGORY W., US
[72] KARP, SCOTT, US
[72] JACOB, SUJAY ELIPHAZ, US
[72] MUELLER, ERIK, US
[72] HAY, STEPHANIE, US
[72] PAYNTER, ADAM ROY, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2018-02-20
[41] 2018-09-09
[30] US (15/665,960) 2017-08-01
[30] US (62/469,193) 2017-03-09

[21] **2,996,112**
[13] A1
[51] **Int.Cl. E05B 45/00 (2006.01) E05B 71/00 (2006.01)**
[25] EN
[54] **FOLDING LOCK WITH ALARM DEVICE**
[54] **VERROU PLIANT DOTE D'UN DISPOSITIF D'ALARME**
[72] BUSEMAN, WINFRIED, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2018-02-22
[41] 2018-09-09
[30] DE (102017105031.0) 2017-03-09

[21] **2,996,150**
[13] A1
[51] **Int.Cl. E21B 7/04 (2006.01) E21B 7/06 (2006.01) E21B 7/24 (2006.01)**
[25] EN
[54] **DYNAMIC FRICTION DRILL STRING OSCILLATION SYSTEMS AND METHODS**
[54] **SYSTEMES D'OSCILLATION DE COLONNE DE FORAGE A FRICTION DYNAMIQUE ET METHODES**
[72] HADI, MAHMOUD, US
[72] WHITE, MATTHEW, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2018-02-23
[41] 2018-09-10
[30] US (15/456,292) 2017-03-10

[21] **2,996,557**
[13] A1
[51] **Int.Cl. B64D 11/00 (2006.01) E05F 15/73 (2015.01) B62D 33/04 (2006.01) B64D 9/00 (2006.01)**
[25] EN
[54] **ILLUMINATED STOWAGE BIN ASSEMBLIES WITHIN VEHICLES**
[54] **ASSEMBLAGES DE BAC DE RANGEMENT ILLUMINE A L'INTERIEUR DES VEHICULES**
[72] SIMMS, RICHARD K., US
[72] DAME, STEPHEN G., US
[72] CLOUD, MARK L., US
[72] SMITH, TODD D., US
[71] THE BOEING COMPANY, US
[22] 2018-02-26
[41] 2018-09-10
[30] US (62/469600) 2017-03-10
[30] US (15/623611) 2017-06-15

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[25] EN
[54] **VEHICLE STOWAGE BIN ASSEMBLIES HAVING WEIGHT SENSORS**
[54] **ASSEMBLAGES DE BAC DE RANGEMENT DE VEHICULE DOTES DE CAPTEUR DE POIDS**
[72] SIMMS, RICHARD K., US
[72] DAME, STEPHEN G., US
[72] CLOUD, MARK L., US
[72] SMITH, TODD D., US
[71] THE BOEING COMPANY, US
[22] 2018-02-26
[41] 2018-09-10
[30] US (62/469600) 2017-03-10
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[25] EN
[54] **ELECTRONICS STOWAGE BIN CONTROL SYSTEMS AND METHODS**
[54] **METHODES ET SYSTEMES DE CONTROLE DE BAC DE RANGEMENT ELECTRONIQUE**
[72] SIMMS, RICHARD K., US
[72] DAME, STEPHEN G., US
[72] CLOUD, MARK L., US
[72] SMITH, TODD D., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **VEHICLES INCLUDING ELECTRONIC STOWAGE BIN CONTROL SYSTEMS**
[54] **VEHICULE COMPORTANT DES SYSTEMES DE CONTROLE DE BAC DE RANGEMENT ELECTRONIQUE**
[72] SIMMS, RICHARD K., US
[72] DAME, STEPHEN G., US
[72] CLOUD, MARK L., US
[72] SMITH, TODD D., US
[71] THE BOEING COMPANY, US
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[30] US (62/469600) 2017-03-10
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[25] EN
[54] **TOUCH-FREE OPERABLE STOWAGE BIN ASSEMBLIES**
[54] **ASSEMBLAGES DE BAC DE RANGEMENT A FONCTIONNEMENT SANS CONTACT**
[72] SIMMS, RICHARD K., US
[72] DAME, STEPHEN G., US
[72] CLOUD, MARK L., US
[72] SMITH, TODD D., US
[71] THE BOEING COMPANY, US
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[54] **AIR-FUEL RATIO REGULATION FOR INTERNAL COMBUSTION ENGINES**
[54] **REGULATION DU RAPPORT AIR-CARBURANT DANS LES MOTEURS A COMBUSTION INTERNE**
[72] KAZEMPOOR, PEJMAN, US
[72] HURLEY, THOMAS JOSEPH, US
[72] ALKADI, NASR ELDINE, US
[72] PATTERSON, MARK ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **COPRODUCTION OF LIQUEFIED NATURAL GAS AND ELECTRIC POWER WITH REFRIGERATION RECOVERY**
[54] **COPRODUCTION DE GAZ NATUREL LIQUEFIE ET D'ALIMENTATION ELECTRIQUE A RECUPERATION DE REFRIGERATION**
[72] REPASKY, JOHN MICHAEL, US
[72] KENNEDY, DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **THREE-DIMENSIONAL STRUCTURE AND METHOD AND SYSTEM OF MAKING SAME**
[54] **STRUCTURE TRIDIMENSIONNELLE, ET METHODE ET SYSTEME DE FABRICATION ASSOCIES**
[72] COOK, ANDREW, CA
[71] COOK, ANDREW, CA
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[25] EN
[54] **BATTERY PACK FOR A MOTORIZED ARCHITECTURAL STRUCTURE COVERING**
[54] **BLOC-PILE DESTINE A UN REVETEMENT DE STRUCTURE ARCHITECTURALE MOTORISE**
[72] BRACE, CLARK D., US
[72] COOPER, CHARLES CULVER GIDDEN, US
[72] NELSON, TODD MICHAEL, US
[72] LORENZ, DOUGLAS, US
[72] THORNE, IAN BRADLEY, US
[72] SCHIFFNER, BYRAN JEREMY, US
[72] ZAGONE, PETER, US
[72] GITARTS, LILLY, US
[71] HUNTER DOUGLAS INC., US
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[25] EN
[54] **A-FRAME LOADING ARM**
[54] **BRAS DE CHARGEMENT A CADRE EN A**
[72] GHEORGHIU, DANIEL, CA
[72] VAN DER SLEEN, ROELOF, CA
[72] ARMSTRONG, MARK, CA
[71] EMCO WHEATON CORP., CA
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[25] EN
[54] **SHAPE SHIFTING HAMPER AND BAG**
[54] **MANNE ET SAC A FORME CHANGEANTE**
[72] BARRE, BERTRAND, FR
[72] LEPAGE, FRANCIS, FR
[72] FENG, YAN, CA
[71] NEATFREAK GROUP INC., CA
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[25] EN
[54] **COMBINED MULTI-COUPLER**
[54] **MULTI-RACCORD COMBINE**
[72] LIESS, MARTIN, DE
[72] MOLLIN, WINFRIED, DE
[72] RUARK, GRAHAM, US
[72] CHANDLER, MARK, US
[72] LY, LIZABETH J., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **STEAM POP DETECTION**
[54] **DETECTION DE SORTIE DE VAPEUR**
[72] GOVARI, ASSAF, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[25] EN
[54] **ELECTRODE ASSEMBLY HAVING SPINES WITH CONTROLLED FLEXIBILITY**
[54] **ASSEMBLAGE D'ELECTRODE COMPORTANT DES EPINES A FLEXIBILITE CONTROLEE**
[72] WU, STEVEN, US
[72] MIN, SUNGWOO, US
[72] WILLIAMS, STUART, US
[72] BORJA, MARISA, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[25] EN
[54] **PCB SUB-CONNECTORS**
[54] **SOUS-CONNECTEURS DE CARTE DE CIRCUIT IMPRIME**
[72] GOVARI, ASSAF, IL
[72] ALGAWI, YEHUDA, IL
[72] SITNITSKY, ILYA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[25] EN
[54] **INTRALOGISTIC ARRANGEMENT**
[54] **DISPOSITION INTRALOGISTIQUE**
[72] FRANGEUL, XAVIER, CH
[71] INTERROLL HOLDING AG, CH
[22] 2018-03-02
[41] 2018-09-09
[30] EP (17160023.2) 2017-03-09

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[13] A1
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[25] EN
[54] **METHODS AND EQUIPMENT FOR TREATING INDUSTRIAL GAS STREAMS AND BIOLOGICAL FOULING**
[54] **METHODES ET EQUIPEMENT DESTINES AU TRAITEMENT DES FLUX DE GAZ INDUSTRIELS ET DE L'ENCRASSEMENT BIOLOGIQUE**
[72] TEMPLE, STEPHEN R., US
[71] STEEN RESEARCH, LLC, US
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[25] EN
[54] **WEB ADDRESS AGNOSTIC TRANSACTION CONSOLIDATING MULTI-MERCHANT PURCHASES**
[54] **TRANSACTION AGNOSTIQUE D'ADRESSE WEB CONSOLIDANT DES ACHATS CHEZ PLUSIEURS MARCHANDS**
[72] BALAN, RICHARD M., CA
[71] BALAN, RICHARD M., CA
[22] 2018-03-08
[41] 2018-09-10
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[25] EN
[54] **COOKING APPLIANCE AND RELATED HEATER ASSEMBLY**
[54] **APPAREIL DE CUISSON ET DISPOSITIF DE CHAUFFAGE ASSOCIE**
[72] FROCK, JEFFREY L., US
[72] CUPP, TIMOTHY L., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2018-03-08
[41] 2018-09-14
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[25] EN
[54] **BATTERY COIL ENGAGING MEMBERS FOR DOWNHOLE TOOLS**
[54] **ELEMENTS D'ENGAGEMENT DE BOBINE DE BATTERIE DESTINES A DES OUTILS DE FOND DE TROU**
[72] LOGAN, JUSTIN CHRISTOPHER, CA
[72] LOGAN, AARON WILLIAM, CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2018-03-09
[41] 2018-09-10
[30] US (62/469,770) 2017-03-10

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[51] **Int.Cl. G08B 25/01 (2006.01) G06Q 10/08 (2012.01) H04W 4/38 (2018.01) G08B 17/10 (2006.01) H04B 7/24 (2006.01) H04W 4/90 (2018.01)**
[25] EN
[54] **A CONTROL SYSTEM**
[54] **UN MECANISME DE CONTROLE**
[72] COWLES, CHRISTOPHER JOHN, GB
[72] HADEN, COLIN, GB
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[22] 2018-03-08
[41] 2018-09-09
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[51] **Int.Cl. E21B 17/03 (2006.01) E21B 3/02 (2006.01)**
[25] EN
[54] **TOOL COUPLER WITH THREADED CONNECTION FOR TOP DRIVE**
[54] **RACCORD D'OUTIL A CONNEXION FILETEE DESTINE A UN ENTRAINEMENT SUPERIEUR**
[72] AMEZAGA, FEDERICO, US
[72] STANKOVIC, IGOR, DE
[72] LIESS, MARTIN, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2018-03-08
[41] 2018-09-13
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[51] **Int.Cl. E04B 1/41 (2006.01) F16B 45/00 (2006.01) F16G 11/00 (2006.01)**
[25] EN
[54] **RECESSED CONCRETE ANCHOR**
[54] **ANCRAGE DE BETON ENCASTRE**
[72] SALM, ROLAND, CA
[71] SILVERLINE SAFETY SYSTEMS CORP., CA
[22] 2018-03-08
[41] 2018-09-14
[30] US (62/471,205) 2017-03-14

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[13] A1
[51] **Int.Cl. H01R 4/66 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **FIBER OPTIC CABLE EXTERNAL SHIELD CONNECTOR**
[54] **CONNECTEUR DE GAINE EXTERNE DE CABLE DE FIBRES OPTIQUES**
[72] SKOLOZDRA, STEPHEN A., US
[72] CARROZZO, JOHN K., US
[71] ELECTRIC MOTION COMPANY, INC., US
[22] 2018-03-08
[41] 2018-09-09
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[51] **Int.Cl. F23D 14/64 (2006.01) F23D 14/02 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **GAS-AIR MIXER ASSEMBLY**
[54] **ENSEMBLE MELANGEUR GAZ-AIR**
[72] KOWALD, GLENN W., US
[72] POST, CHARLES, US
[72] BURMANIA, IAN, US
[71] LENNOX INDUSTRIES INC., US
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/4995 (2006.01) A61P 11/00 (2006.01) A61P 37/06 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **FUSED IMIDAZO-PIPERIDINE JAK INHIBITORS**
[54] **IMIDAZO-PIPERIDINE FUSIONNE COMME INHIBITEUR DE LA JAK**
[72] FATHEREE, PAUL R., US
[72] BRANDT, GARY E. L., US
[72] SMITH, CAMERON, US
[72] SULLIVAN, STEVEN D. E., US
[72] VAN ORDEN, LORI JEAN, US
[72] KLEINSCHEK, MELANIE A., US
[72] CRATER, GLENN D., US
[71] THERAVANCE BIOPHARMA R&D IP, LLC, US
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[25] EN
[54] **DECORATIVE DEVICE WITH WIRELESS CONTROLLER, DECORATIVE SYSTEM, AND METHOD**
[54] **APPAREIL DECORATIF DOTE D'UN CONTROLEUR SANS FIL, SYSTEME DECORATIF ET METHODE**
[72] SUGAR, MICHAEL A., US
[72] BRAASCH, MATTHEW P., US
[72] GARRETT, MICHAEL, US
[72] FEENEY, GREG, US
[72] WILSON, JACKSON, US
[71] INLITEN, L.L.C., US
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[51] **Int.Cl. H02G 3/02 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **BRACKET FOR ELECTRICAL DEVICES**
[54] **SUPPORT DE DISPOSITIFS ELECTRIQUES**
[72] KORCZ, KRZYSZTOF, US
[72] JOHNSON, STEVEN, US
[71] HUBBELL INCORPORATED, US
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[51] **Int.Cl. H05K 7/10 (2006.01) H04W 84/00 (2009.01) H02J 50/20 (2016.01) H02J 50/50 (2016.01)**
[25] EN
[54] **RADIO FREQUENCY TRANSMISSION IN WORK AREAS**
[54] **TRANSMISSION DE FREQUENCE RADIO DANS LES ZONES DE TRAVAIL**
[72] BYRNE, NORMAN R., US
[72] MORROW, NICKOLAS J., US
[71] BYRNE, NORMAN R., US
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[25] EN
[54] **CONTROL CONSOLE FOR SURGICAL DEVICE WITH MECHANICAL ARMS**
[54] **CONSOLE DE CONTROLE D'UN DISPOSITIF CHIRURGICAL DOTEE DE BRAS MECANIQUES**
[72] COHEN, DVIR, IL
[72] LEVINSON, YARON, IL
[71] MEMIC INNOVATIVE SURGERY LTD., IL
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[41] 2018-09-09
[30] US (15/454,123) 2017-03-09
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[13] A1
[51] **Int.Cl. H01H 83/02 (2006.01) H01H 71/44 (2006.01)**
[25] EN
[54] **AUTOMATED GROUND FAULT INTERRUPTOR**
[54] **INTERRUPTEUR DE DEFAUT A LA TERRE AUTOMATISE**
[72] KURNIAWAN, ALBERT MARDIANTO, CA
[71] ARCONAS CORPORATION, CA
[22] 2018-03-09
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[25] EN
[54] **TRIM COVER STEAM MACHINE**
[54] **MACHINE A VAPEUR DESTINEE AU REVETEMENT DE GARNITURE**
[72] BORZY, STEPHAN M., US
[72] PALOWITZ, RICHARD J., US
[71] MAGNA SEATING INC., CA
[22] 2018-03-09
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[30] US (62/469,744) 2017-03-10

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[13] A1
[51] **Int.Cl. B62D 63/06 (2006.01) B60P 3/42 (2006.01) B62D 25/20 (2006.01) B62D 33/02 (2006.01)**
[25] EN
[54] **FOLDABLE UTILITY TRAILER**
[54] **REMORQUE UTILITAIRE PLIANTE**
[72] JOHNSON, SCOTT, CA
[71] JOHNSON, SCOTT, CA
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[51] **Int.Cl. H02K 5/173 (2006.01)**
[25] EN
[54] **CAP FOR A ROTATING ELECTRIC MACHINE**
[54] **CAPOT D'UNE MACHINE ELECTRIQUE TOURNANTE**
[72] ZANGHELINI, MAURICIO, BR
[71] WEG EQUIPAMENTOS ELETRICOS S.A., BR
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[51] **Int.Cl. H02K 15/14 (2006.01) H02K 5/04 (2006.01)**
[25] EN
[54] **CLOSING SYSTEM BETWEEN A CAP AND A STATOR IN AN ELECTRIC MACHINE, PROCESS FOR CLOSING BETWEEN A CAP AND A STATOR IN AN ELECTRIC MACHINE AND STATOR FOR AN ELECTRIC MACHINE**
[54] **SYSTEME DE FERMETURE ENTRE UN CAPOT ET UN STATOR DANS UNE MACHINE ELECTRIQUE, PROCEDE DE FERMETURE ENTRE UN CAPOT ET UN STATOR DANS UNE MACHINE ELECTRIQUE ET STATOR DESTINE A UNE MACHINE ELECTRIQUE**
[72] ZANGHELINI, MAURICIO, BR
[71] WEG EQUIPAMENTOS ELETRICOS S.A., BR
[22] 2018-03-09
[41] 2018-09-10
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[51] **Int.Cl. B66C 23/26 (2006.01) F03D 13/10 (2016.01)**
[25] EN
[54] **LIFTING SYSTEM**
[54] **SYSTEME DE LEVAGE**
[72] AITKEN, GLEN D., CA
[71] LIFTWERX HOLDINGS INC., CA
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[13] A1
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[25] EN
[54] **METHOD FOR DETERMINING THE ABSOLUTE POSITION OF A ROTOR OF A LINEAR MOTOR**
[54] **METHODE DE DETERMINATION DE LA POSITION ABSOLUE D'UN ROTOR D'UN MOTEUR LINEAIRE**
[72] WEBER, ANDREAS, AT
[72] PLAINER, MANUEL, AT
[71] B&R INDUSTRIAL AUTOMATION GMBH, AT
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[51] **Int.Cl. H02H 3/16 (2006.01)**
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[54] **MODULAR GROUND FAULT PROTECTIVE RELAY AND PROTECTION MODULE THEREFOR**
[54] **RELAI PROTECTEUR DE DEFAUT A LA TERRE MODULAIRE ET MODULE DE PROTECTION ASSOCIE**
[72] EASTON, JASON, US
[72] SEFF, PAUL, US
[72] KUYKENDALL, JEFFREY, US
[72] RIVAS, MICHEL, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **COMPOSITION HAVING REDUCED RESIDUE**
[54] **COMPOSITION RENFERMANT UNE QUANTITE REDUITE DE RESIDUS**
[72] GARCIA, DEVIN, US
[72] KAUR, SIMARNA, US
[72] NIKOLOVSKI, JANETA, US
[72] DERIDDER, LOUIS, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[54] **METHOD AND SYSTEM FOR MAPPING ATTRIBUTES OF ENTITIES**
[54] **METHODE ET SYSTEME DE MAPPAGE D'ATTRIBUTS D'ENTITES**
[72] SINGH, KARAMJIT, IN
[72] GUPTA, GARIMA, IN
[72] SHROFF, GAUTAM, IN
[72] AGARWAL, PUNEET, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
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[54] **SYSTEME DE PRESSE COLOPHANE**
[72] SITNIK, SPENCER, US
[71] SITNIK, SPENCER, US
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[54] **WARM OR HOT STANDBY TRACK CARD MODULE FOR USE ON A WAYSIDE OF A RAILWAY SYSTEM**
[54] **MODULE DE CARTE DE VOIE D'ATTENTE SEMI-AUTOMATIQUE OU MANUELLE DESTINE A UNE BORDURE DE VOIE D'UN SYSTEME DE VOIES FERREES**
[72] SCHMIDT, HOLGER, US
[72] HOGAN, BRIAN JOSEPH, US
[71] SIEMENS INDUSTRY, INC., US
[22] 2018-03-12
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[54] **BEVERAGE CRATE**
[54] **CAISSE A CLAIRE-VOIE POUR BOISSONS**
[72] APPS, SHELBY FRANCES, US
[72] WHITFIELD CLARK, SUZANNE, US
[72] APPS, WILLIAM P., US
[72] PARRA, CRYSTAL Y., US
[72] HASSELL, JON P., US
[71] REHRIG PACIFIC COMPANY, US
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[54] **ESTIMATION OF TISSUE THICKNESS FROM RATE OF CHANGE OF CATHETER TEMPERATURE**
[54] **ESTIMATION DE L'EPAISSEUR DU TISSU A PARTIR DE LA VARIATION DE LA TEMPERATURE DU CATHETER**
[72] GOVARI, ASSAF, IL
[72] ZILBERMAN, ISRAEL, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[54] **APPLICATIONS OF NON-COLLINEARLY COUPLED MAGNETIC LAYERS**
[54] **APPLICATIONS DE COUCHES MAGNETIQUES COUPLEES NON LINEAIREMENT**
[72] NUNN, ZACHARY RAYMOND, CA
[72] GIRT, EROL, CA
[71] SIMON FRASER UNIVERSITY, CA
[22] 2018-03-12
[41] 2018-09-10
[30] US (62/470123) 2017-03-10
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[54] **SIMULTANEOUS CONTROL OF POWER AND IRRIGATION DURING ABLATION**
[54] **CONTROLE SIMULTANE D'ALIMENTATION ET D'IRRIGATION PENDANT L'ABLATION**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] OZERI, ELLA, IL
[72] ZILBERMAN, ISRAEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[25] EN
[54] **DISPLAY AND DISPENSING APPARATUS AND METHOD**
[54] **AFFICHEUR ET APPAREIL DE DISTRIBUTION ET METHODE**
[72] LUBERTO, MICHAEL D., US
[72] DESENA, MICHAEL D., US
[72] KASSA, GETACHEW, US
[72] FORMAN, GARY, US
[71] HENSCHEL-STEINAU, INC., US
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[54] **APPARATUS AND METHOD OF OPTIMIZING LASER SYSTEM**
[54] **APPAREIL ET METHODE D'OPTIMISATION DE SYSTEME LASER**
[72] PURVES, CHRIS, CA
[72] BISSON, JEAN-FRANCOIS, CA
[72] BEYDAGHYAN, GISIA, CA
[71] PICOMOLE INC., CA
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[54] **TRAVEL RAZOR**
[54] **RASOIR DE VOYAGE**
[72] MANSHOORY, LEILA KASHANI, US
[71] SPHYNX COLLECTION, LLC, US
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[54] **BORONIZING POWDER COMPOSITIONS FOR IMPROVED BORIDE LAYER QUALITY IN OIL COUNTRY TUBULAR GOODS AND OTHER METAL ARTICLES**
[54] **COMPOSITIONS DE POUDRE DE BORURATION DESTINEES A AMELIORER LA QUALITE DE LA COUCHE DE BORE DANS LES PIECES TUBULAIRES ET AUTRES ARTICLES METALLIQUES DESTINES AUX LIEUX D'EXPLOITATION PETROLILERE**
[72] ZIMMERMAN, CRAIG, US
[72] BUGLIARELLO-WONDRICH, NICK, US
[72] HEMMER, JEFF, US
[71] BWT LLC, US
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[54] **MONITORING DEVICE DATA AND GATEWAY DATA**
[54] **SURVEILLANCE DE DONNEES DE DISPOSITIF ET DONNEES DE PASSERELLE**
[72] MCCAIG, RHYS, US
[72] RAMASUBRAMANI, SEETHARAMAN, US
[72] KHANDPUR, GAURAV, US
[72] VISHNUBHATT, PADDY, US
[72] KAVERMAN, EVAN, US
[72] BERTRAND, ERIC, US
[72] PEIRO, ANDREA, US
[72] BARBERIO, JEFFREY, US
[72] VOS, REMKO, US
[72] CLARK, JEREMY, US
[72] LEARDI, STEVEN, US
[72] RIBE COSTA, ALBERT, US
[72] FAD, THOMAS, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **METHOD FOR USING BORONIZING REACTION GASES AS A PROTECTIVE ATMOSPHERE DURING BORONIZING, AND REACTION GAS NEUTRALIZING TREATMENT**
[54] **METHODE D'UTILISATION DE GAZ DE REACTION DE BORURATION COMME ATMOSPHERE PROTECTEUR PENDANT LA BORURATION, ET TRAITEMENT NEUTRALISANT LE GAZ DE REACTION**
[72] ZIMMERMAN, CRAIG, US
[72] HEDMAN, JIM, US
[72] BUGLIARELLO-WONDRICH, NICK, US
[72] HEMMER, JEFF, US
[71] BWT LLC, US
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[25] EN
[54] **POST-BORIDING PROCESSES FOR TREATING PIPE AND RECOVERING BORONIZING POWDER**
[54] **PROCEDE POST BORURATION SERVANT A TRAITER LES TUYAUX ET A RECOUVRIR DE POUDRE DE BORURATION**
[72] ZIMMERMAN, CRAIG, US
[72] HEDMAN, JIM, US
[72] HEMMER, JEFF, US
[71] BWT LLC, US
[22] 2018-03-13
[41] 2018-09-14
[30] US (62/471,163) 2017-03-14
[30] US (62/589,626) 2017-11-22
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[25] EN
[54] **METHODS FOR DIAGNOSING AND TREATING CANCER**
[54] **METHODES DE DIAGNOSTIC ET DE TRAITEMENT DE CANCER**
[72] TSENG, JU-YU, TW
[72] CHEN, YEN-RU, TW
[72] LEE, CHIA-YING, TW
[72] WU, LI-FAN, TW
[72] WANG, SHIN-HANG, TW
[72] CHEN, JUI-LIN, TW
[72] CHEN, CHWEN-CHENG, TW
[71] MICAREO TAIWAN CO., LTD., TW
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[25] EN
[54] **ANTI-PNEUMOCOCCAL HYPERIMMUNE GLOBULIN FOR THE TREATMENT AND PREVENTION OF PNEUMOCOCCAL INFECTION**
[54] **GLOBULINE HYPERIMMUNE ANTI-PNEUMOCOCCIQUE DESTINEE AU TRAITEMENT ET A LA PREVENTION D'UNE INFECTION PNEUMOCOCCIQUE**
[72] MOND, JAMES, US
[72] GROSSMAN, ADAM S., US
[71] ADMA BIOLOGICS, INC., US
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[54] **WEAR PLATE FOR A DRILL PUMP**
[54] **PLAQUE D'USURE DESTINEE A UNE POMPE DE FORAGE**
[72] CHADY, KYLE CHRISTOPHER, US
[72] GENENBACHER, JORDAN ANTHONY, US
[71] GARDNER DENVER PETROLEUM PUMPS, LLC, US
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[54] **AQUEOUS PARTICULATE SLURRIES AND METHODS OF MAKING THE SAME**
[54] **BOUES DE PARTICULES AQUEUSES ET METHODES DE FABRICATION CONNEXES**
[72] ZHANG, KEWEI, CA
[71] TRICAN WELL SERVICE LTD., CA
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[54] **UNDER FLOW AIR SYSTEM FOR AGRICULTURE**
[54] **SYSTEME D'AIR DE SOUS-ECOULEMENT DESTINE A L'AGRICULTURE**
[72] HUTTO, SHANE, US
[71] HORTICULTURAL SOLUTIONS LTD., US
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[54] **DUAL-FUEL HEATER**
[54] **APPAREIL DE CHAUFFAGE A BICARBURANT**
[72] PABLO CURTO, MARCOS, ES
[72] ARIZMENDI ZURUTUZA, MIKEL, ES
[72] HERZOG DELGADO, JUAN, ES
[71] COPRECI, S. COOP., ES
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[54] **LIGHT FIXTURES WITH INTEGRATED FEATURES**
[54] **APPAREILS D'ECLAIRAGE DOTES DE FONCTIONNALITES INTEGREES**
[72] YIFAN, ZHOU, CN
[72] SIECZKOWSKI, PHILIP, CN
[71] ABL IP HOLDING LLC, US
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[54] **METHODE DE PURGE RAPIDE DESTINEE AUX PROCEDES DE RECUPERATION THERMIQUE**
[72] GAMAGE, SILUNI, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2018-03-14
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[25] EN
[54] METHOD OF CONTINUOUS EXTRACTION AND SEPARATION OF USEFUL COMPOUNDS FROM PLANT OR ANIMAL MATERIAL
[54] METHODE D'EXTRACTION ET SEPARATION EN CONTINU DE COMPOSES UTILES A PARTIR DE MATIERE VEGETALE OU ANIMALE
[72] KELLY, SUE K., CA
[72] MELNICHUK, LARRY J., CA
[71] KELLY, SUE K., CA
[71] MELNICHUK, LARRY J., CA
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[25] EN
[54] OPTICAL LIQUID LEVEL MEASUREMENT SYSTEM FOR DISPENSING APPARATUS
[54] SYSTEME DE MESURE DE NIVEAU DE LIQUIDE OPTIQUE DESTINE A UN APPAREIL DE DISTRIBUTION
[72] MACLEAN, IAN, CA
[72] CANTIN, DANIEL, CA
[72] ALKINS, ANTHONY, CA
[72] COLE, DEREK, CA
[72] ERMAN, P. GREGORY, CA
[72] RANKIN, MICHAEL, CA
[72] GAY, BRIAN, CA
[72] MACGILLIVARY, KENNETH, CA
[71] A.C. DISPENSING EQUIPMENT INC., CA
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[54] FRAME-BASED DECORATIVE ARTICLE AND METHOD OF ASSEMBLY
[54] ARTICLE DECORATIF A BASE DE CADRE ET METHODE D'ASSEMBLAGE
[72] MACNEILL, LAURIE, CA
[71] MACNEILL, LAURIE, CA
[22] 2018-05-30
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[30] US (62/512,375) 2017-05-30

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[54] CANOLA VARIETY 45CM39
[54] VARIETE DE CANOLA 45CM39
[72] FALAK, IGOR, US
[72] MCCLINCHEY, SCOTT, US
[72] PATEL, JAYANTILAL DEVABHAI, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[25] EN
[54] RAIL VEHICLE AND ON-BOARD SAFETY DRONE
[54] VEHICULE SUR RAIL ET DRONE DE SECURITE EMBARQUE
[72] LERY, BENOIT, TH
[72] CHONGRATTANAMETEEKUL, TEERAWAT, TH
[72] HETTIARACHCHI, RANDULA, TH
[72] LERTWIRIYAPITI, BENJAMAPORN, TH
[72] GOULET, STEPHANE, CA
[72] HIGGINS, DANNY, CA
[72] LAVERTU, CARL, CA
[71] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] BINDING PIVOT PUCK AND SCRATCH GUARD
[54] LIAISON DE GALET PIVOT ET DE PROTECTEUR DE RAYURE
[72] MCDONALD-ROGERS, CHRISTOPHER W.G., CA
[71] MCDONALD-ROGERS, CHRISTOPHER W.G., CA
[22] 2018-07-11
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[51] **Int.Cl. G06F 21/31 (2013.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INCLUSIVE CAPTCHA**
[54] **SYSTEMES ET METHODES CAPTCHA INCLUSIFS**
[72] JADHAV, CHARUDATTA, IN
[72] AGRAWAL, SUMEET, IN
[72] PALADUGU, MADHU PRIYATAM VENKATA, IN
[71] TATA CONSULTANCY SERVICES LIMITED, IN
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[25] EN
[54] **DOCUMENT COVER FOR MOTOR VEHICLE AFFIXMENT**
[54] **COUVERTURE DE DOCUMENTS POUR APPOSITION SUR VEHICULE A MOTEUR**
[72] DE VALLEE, JOHN T., US
[72] VALE, HEATHER C., US
[72] VALE, PETER, US
[71] DE VALLEE, JOHN T., US
[71] VALE, HEATHER C., US
[71] VALE, PETER, US
[85] 2018-04-09
[86] 2016-09-19 (PCT/US2016/052411)
[87] (WO2017/065937)
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[25] EN
[54] **SPRING STRUCTURE HAVING MULTIPLE COIL-SHAPED UNIT SPRINGS AND METHOD FOR MANUFACTURING SAME**
[54] **STRUCTURE DE RESSORT AYANT DE MULTIPLES RESSORTS D'UNITE EN FORME DE BOBINE ET SON PROCEDE DE FABRICATION**
[72] KIM, HYUNG WOO, KR
[72] KIM, GYUN HWAN, KR
[71] KIM, HYUNG WOO, KR
[85] 2018-04-18
[86] 2016-07-15 (PCT/KR2016/007726)
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[54] **SYSTEME INTEGRE DE MESURE DU POIDS ET D'AUTRES VARIABLES PHYSIQUES DANS LES VEHICULES ET LES CONTENEURS**
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[71] VELSIS SISTEMAS E TECNOLOGIA VIARIA S/A, BR
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[54] **CONSTRUCTING STRATIGRAPHIC IMAGES OF SEDIMENT DISTRIBUTION IN A SUBSURFACE OF THE EARTH**
[54] **CONSTRUCTION D'IMAGES STRATIGRAPHIQUES DE DISTRIBUTION DE SEDIMENTS DANS UNE SURFACE SOUTERRAINE DE LA TERRE**
[72] FALIVENE ALDEA, ORIOL, NL
[72] FRASCATI, ALESSANDRO, NL
[72] BOLLA PITTALUGA, MICHELE, NL
[72] POTTER, RUSSELL DAVID, US
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[71] ALLMETAL, INC., US
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[54] **SYSTEMES ET PROCEDES DE TELEMETRIE ELECTROMAGNETIQUE SOUTERRAINE**
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[72] GLEASON, BRIAN, US
[72] MORROW, STEPHEN D., US
[72] SMIDTH, PETER, US
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[54] **CELLULE DE CHARGE APPARENTE DANS UNE MACHINE DE TRANSFORMATION DES ALIMENTS**
[72] GARCIA-PEREZ, FERNANDO, US
[72] TORRENGA, RYAN M., US
[72] FOX, GAGE A., US
[72] O'CONNOR, RYAN J., US
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[54] **APPAREIL DE TRANCHAGE DE PRODUIT ALIMENTAIRE COMPRENANT UNE PORTE PIVOTANTE ASSOCIEE A UN PLATEAU DE PRODUIT ALIMENTAIRE**
[72] FOX, GAGE A., US
[72] PRYOR, GLEN F., US
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[54] **METHOD AND SYSTEM FOR DETERMINING WHETHER AN EVENT HAS OCCURRED FROM DYNAMIC STRAIN MEASUREMENTS**
[54] **PROCEDE ET SYSTEME POUR DETERMINER SI UN EVENEMENT S'EST PRODUIT A PARTIR DE MESURES DE CONTRAINTE DYNAMIQUE**
[72] JALILIAN, SEYED EHSAN, CA
[72] HULL, JOHN, CA
[72] HUANG, DANIEL, CA
[72] ADEYEMI, ADEKUNLE, CA
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[72] LOPEZ, MARIO, DE
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[72] LYNCH, SUSAN V., US
[72] KIMES, NIKOLE, US
[72] VALLADARES, RICARDO, US
[72] LIN, DIN L., US
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[54] **AGENTS POLYMERES ET COMPOSITIONS ANTICORROSION**
[72] MARDEL, JAMES IVAN, AU
[72] COLE, IVAN STUART, AU
[72] WHITE, PAUL ANDREW, AU
[72] HUGHES, ANTHONY EWART, AU
[72] MARKLEY, TRACEY ANNE, AU
[72] HARVEY, TIMOTHY GRAHAM, AU
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[72] BRENT, JOHN LESLIE, JR., US
[72] SINGER, JAMES MICHAEL, US
[72] MELLIN, GUSTAV ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **OPTIMISATION DE RESEAUX WI-FI DISTRIBUES**
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[72] MCFARLAND, WILLIAM, US
[72] GAO, QINGHAI, US
[71] PLUME DESIGN, INC., US
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[54] **SYSTEME D'EVACUATION DE FUMEE POUR PROCEDURES CHIRURGICALES INVASIVES**
[72] BABINI, CARLOS, US
[72] BLIER, KENNETH, US
[72] RUNNER, GREGORY, US
[72] MASTRI, DOMINICK, US
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[54] **PROCEDE DE PRODUCTION D'UN DESCRIPTIF D'UN BAGAGE ET SYSTEME DE DESCRIPTION DE BAGAGE**
[72] HAGER, GERHARD, DE
[72] HOHLWEGLER, JURGEN, DE
[72] MUECK, BENGT, DE
[72] PASHOV, ILIAN, DE
[72] ROTTLAND, JORG, DE
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[54] **A BALL LAUNCHER AND A BALL GAMING SYSTEM INCLUDING SUCH BALL LAUNCHER**
[54] **LANCE-BILLE ET SYSTEME DE JEU A BILLE COMPRENANT LEDIT LANCE-BILLE**
[72] BURGSTALLER, JURGEN, AT
[72] STEGEL, MIHA, SI
[72] ZUPANCIC, SILVESTER, SI
[72] JOJIC, SINISA, SI
[71] NOVOMATIC AG, AT
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[54] **A BALL LAUNCHER AND BALL GAMING SYSTEM INCLUDING SUCH BALL LAUNCHER**
[54] **LANCE-BILLE ET SYSTEME DE JEU A BILLE COMPRENANT LEDIT LANCE-BILLE**
[72] BURGSTALLER, JURGEN, AT
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[54] **A BALL LAUNCHER AND A BALL GAMING SYSTEM INCLUDING SUCH BALL LAUNCHER**
[54] **LANCEUR DE BILLE ET SYSTEME DE JEU DE BILLE COMPRENANT LEDIT LANCEUR DE BILLE**
[72] BURGSTALLER, JURGEN, AT
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[54] **CHAIN TENSIONER, MACHINE FOR PROCESSING ELEMENTS IN THE FORM OF SHEETS AND METHOD FOR TENSIONING THE CHAIN SETS**
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[71] BOBST MEX SA, CH
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[54] **SYSTEMES DE FIXATION OSSEUSE EXTERNES**
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[54] **DISPOSITIF DE GONFLAGE A BOITIER DETACHABLE ET PROCEDES ASSOCIES**
[72] DAVIS, JON, US
[72] WEERAKOON, PRASAD, US
[72] HEYBORNE, RUSSELL D., US
[71] MERIT MEDICAL SYSTEMS, INC., US
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[25] EN
[54] **COMPOUNDS OF ANGIOTENSIN II RECEPTOR ANTAGONIST METABOLITE AND NEP INHIBITOR, AND PREPARATION METHODS THEREOF**
[54] **METABOLITE ANTAGONISTE DU RECEPTEUR DE L'ANGIOTENSINE II ET COMPOSITE INHIBITEUR DE LA NEP, ET PROCEDE DE PREPARATION ASSOCIE**
[72] YAN, JIE, CN
[72] XU, WENJIE, CN
[72] LI, SONG, CN
[72] ZHENG, YANXIN, CN
[72] ZHI, JIANQIONG, CN
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[54] **RETROACTION DE COVARIANCE DE CANAL POUR SYSTEMES FD-MIMO AMELIORES**
[72] CHEN, BO, US
[72] WEI, CHAO, US
[72] WU, LIANGMING, US
[72] WANG, NENG, US
[71] QUALCOMM INCORPORATED, US
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[54] **ARCHITECTURES AND MECHANISMS FOR PROVIDING ANALYSIS OF COMPLEX OBJECT STRUCTURES**
[54] **ARCHITECTURES ET MECANISMES POUR REALISER L'ANALYSE DE STRUCTURES D'OBJET COMPLEXES**
[72] LAMBE, CANICE, IE
[72] DALY, DONAL, IE
[72] BILLINGTON-DYNES, TAMMY, IE
[72] RODEN, STEPHEN, IE
[71] ALTIFY IRELAND LIMITED, IE
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[54] **METHODS AND SYSTEMS FOR USAGE REPORTING**
[54] **PROCEDES ET SYSTEMES PERMETTANT L'ETABLISSEMENT DE RAPPORTS D'UTILISATION**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2018-08-30
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[54] **DISPOSITIF D'ACHEMINEMENT DE CABLES EN CASCADE**
[72] KELLERMAN, DALLAS, US
[71] CABLOFIL, INC., US
[85] 2018-08-30
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[54] **STEREO A LIGNE DE BASE LARGE POUR RENDU A FAIBLE LATENCE**
[72] KASS, MICHAEL, US
[71] MAGIC LEAP, INC., US
[85] 2018-08-30
[86] 2017-03-15 (PCT/US2017/022554)
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[54] **TECHNIQUE DE COMPENSATION DE LUMIERE DIRECTE POUR SYSTEME DE REALITE AUGMENTEE**
[72] KASS, MICHAEL, US
[71] MAGIC LEAP, INC., US
[85] 2018-08-30
[86] 2017-03-15 (PCT/US2017/022578)
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[54] **SOUPAPE D'ARRET ET AGENCEMENT DE SOUPAPE DE PROTECTION DE ROUE CHAUDE**
[72] GAUGHAN, EDWARD W., US
[72] POTTER, WILLIAM JOHN, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[25] EN
[54] **FEEDING SYSTEMS AND METHODS OF USING FEEDING SYSTEMS**
[54] **SYSTEMES D'ALIMENTATION ET PROCEDES D'UTILISATION DE SYSTEMES D'ALIMENTATION**
[72] LUCEY, DERRICK, US
[72] RIPEPI, MARK, US
[72] GLISAN, ROY A., US
[72] D'ASTOLFO, LEROY E., US
[71] ALCOA USA CORP., US
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[54] **IMPROVED METHODS FOR FINISHING EXTRUDED TITANIUM PRODUCTS**
[54] **PROCEDES AMELIORES DE FINITION DE PRODUITS EXTRUDES EN TITANE**
[72] STROUD, ADAM, US
[72] LI, DONGJIAN, US
[71] ARCONIC INC., US
[85] 2018-08-30
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[30] US (62/326,243) 2016-04-22

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[25] EN
[54] **SAMPLE CUP FEEDING SYSTEM**
[54] **SYSTEME D'ALIMENTATION DE CUVE D'ECHANTILLON**
[72] WILT, ROBERT R., US
[72] FAUSTINI, LUIGI, US
[71] WILT, ROBERT R., US
[71] FAUSTINI, LUIGI, US
[85] 2018-08-31
[86] 2017-03-02 (PCT/US2017/020448)
[87] (WO2017/151920)
[30] US (62/302,430) 2016-03-02

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[51] **Int.Cl. A61K 31/436 (2006.01) A61K 31/198 (2006.01) A61K 31/715 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF CANCER**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DU CANCER**
[72] HOFFMAN, STEVEN, US
[71] TYME, INC., US
[85] 2018-08-30
[86] 2017-03-15 (PCT/US2017/022386)
[87] (WO2017/160895)
[30] US (62/308,341) 2016-03-15

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[51] **Int.Cl. E21B 33/038 (2006.01)**
[25] EN
[54] **REUSABLE FIELD-ATTACHABLE WELLHEAD PENETRATOR AND METHOD OF ASSEMBLY AND USE**
[54] **PENETRATEUR DE TETE DE PUITS REUTILISABLE POUVANT ETRE FIXE SUR SITE ET PROCEDE D'ASSEMBLAGE ET D'UTILISATION**
[72] EMERSON, TOD D., US
[71] QUICK CONNECTORS, INC., US
[85] 2018-08-30
[86] 2017-03-15 (PCT/US2017/022590)
[87] (WO2017/161048)
[30] US (62/308,649) 2016-03-15

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[51] **Int.Cl. A46B 15/00 (2006.01) A61C 17/22 (2006.01)**
[25] EN
[54] **ORAL HYGIENE SYSTEM WITH VISUAL RECOGNITION FOR COMPLIANCE MONITORING**
[54] **SYSTEME D'HYGIENE BUCCALE AVEC RECONNAISSANCE VISUELLE POUR UNE SURVEILLANCE D'OBSERVANCE**
[72] SERVAL, THOMAS, FR
[72] NICOLAS, YANN, FR
[72] LANDAU, SAMUEL, FR
[71] KOLIBREE, FR
[85] 2018-08-31
[86] 2016-03-14 (PCT/EP2016/055407)
[87] (WO2017/157411)

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[13] A1
[51] **Int.Cl. B60B 35/12 (2006.01) B60B 35/14 (2006.01)**
[25] EN
[54] **COMMERCIAL VEHICLE, IN PARTICULAR HEAVY-DUTY VEHICLE, AND WHEEL ASSEMBLY FOR SUCH A COMMERCIAL VEHICLE**
[54] **VEHICULE UTILITAIRE, NOTAMMENT VEHICULE POUR CHARGES LOURDES ET GROUPE ESSIEU POUR UN TEL VEHICULE UTILITAIRE**
[72] SOLLIK, ROBERT, DE
[72] WURZLER, MATHIAS, DE
[72] MERKEL, FELIX, DE
[71] GOLDHOFER AG, DE
[85] 2018-08-31
[86] 2017-03-03 (PCT/EP2017/055041)
[87] (WO2017/149136)
[30] DE (10 2016 203 577.0) 2016-03-04

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[13] A1
[51] **Int.Cl. B62J 1/00 (2006.01)**
[25] EN
[54] **SUPPORT ELEMENT FOR THE HUMAN BODY, SUCH AS A SADDLE**
[54] **ELEMENT DE SUPPORT POUR LE CORPS HUMAIN, TEL QU'UNE SELLE**
[72] BIGOLIN, BARBARA, IT
[72] HESS, SEBASTIAN, DE
[72] OVERTHUN, THOMAS, US
[71] SELLE ROYAL S.P.A., IT
[85] 2018-08-31
[86] 2017-04-11 (PCT/IB2017/052085)
[87] (WO2017/178969)
[30] IT (102016000039173) 2016-04-15

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[51] **Int.Cl. B01L 3/00 (2006.01) B65D 35/00 (2006.01) G01N 1/10 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PREPARING AND EXTRACTING A BIOMOLECULE**
[54] **PROCEDE ET DISPOSITIF DE PREPARATION ET D'EXTRACTION DE BIOMOLECULE**
[72] SAUL, DAVID JAMES, NZ
[71] SAUL, DAVID JAMES, NZ
[85] 2018-08-31
[86] 2016-03-04 (PCT/NZ2016/050032)
[87] (WO2016/144192)
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[25] EN
[54] **INTEGRATED OPERATION OF MOLTEN CARBONATE FUEL CELLS**
[54] **FONCTIONNEMENT INTEGRE DE PILES A COMBUSTIBLE A CARBONATE FONDU**
[72] BERLOWITZ, PAUL J., US
[72] BARCKHOLTZ, TIMOTHY A., US
[72] DAS, SANDIPAN K., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-08-27
[86] 2017-03-03 (PCT/US2017/020694)
[87] (WO2017/160511)
[30] US (62/309,629) 2016-03-17

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[51] **Int.Cl. A61B 17/132 (2006.01) A61B 17/135 (2006.01) A61H 39/04 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES TO REDUCE DAMAGING EFFECTS OF CONCUSSIVE OR BLAST FORCES ON A SUBJECT**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT DE REDUIRE LES EFFETS PREJUDICIABLES DES FORCES DE COMMOTION OU D'EXPLOSION SUR UN SUJET**
[72] WISNIEWSKI, DANIEL FRANCIS, US
[72] JONES, SHERRY LYNN, US
[72] LUA, JAMES HUANG, US
[72] VITTOE, KEVIN JOHN, US
[72] LEHMAN, JOSEPH M., US
[72] FLOAT, JAMISON JOSEPH, US
[71] Q30 SPORTS SCIENCE, LLC, US
[85] 2018-08-31
[86] 2017-03-02 (PCT/US2017/020445)
[87] (WO2017/151917)
[30] US (62/302,509) 2016-03-02

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[51] **Int.Cl. A61K 9/127 (2006.01) A61K 47/69 (2017.01) A61K 31/337 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **EPHRIN RECEPTOR A2 (EPHA2)-TARGETED DOCETAXEL-GENERATING NANO-LIPOSOME COMPOSITIONS**
[54] **COMPOSITIONS DE NANOLIPOSOMES GENERANT DU DOCETAXEL ET CIBLANT LE RECEPTEUR DE L'EPHRINE A2 (EPHA2)**
[72] DRUMMOND, DARYL C., US
[72] KIRPOTIN, DMITRI B., US
[72] HUANG, ZHAOHUA R., US
[72] TIPPARAJU, SURESH K., US
[72] NOBLE, CHARLES, US
[71] MERRIMACK PHARMACEUTICALS, INC., US
[85] 2018-08-30
[86] 2017-03-16 (PCT/US2017/022624)
[87] (WO2017/161067)
[30] US (62/309,222) 2016-03-16
[30] US (62/322,940) 2016-04-15
[30] US (62/338,052) 2016-05-18
[30] US (62/419,012) 2016-11-08
[30] US (62/464,538) 2017-02-28

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[51] **Int.Cl. F02B 43/10 (2006.01) F02D 19/02 (2006.01) F02M 21/02 (2006.01) F02M 25/12 (2006.01)**
[25] EN
[54] **A METHOD OF GENERATING AND DISTRIBUTING A SECOND FUEL FOR AN INTERNAL COMBUSTION ENGINE**
[54] **PROCEDE DE GENERATION ET DE DISTRIBUTION D'UN SECOND CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE**
[72] JOHNSON, EVAN CHARLES, US
[72] FILKINS, ADAM ANTHONY, US
[72] DEMING, HERBERT DANIEL, US
[72] DEAN, HENRY WHITE, US
[72] JENNINGS, PHILLIP EDWARD, US
[71] HYTECH POWER, INC., US
[85] 2018-08-31
[86] 2017-03-06 (PCT/US2017/020996)
[87] (WO2017/155895)
[30] US (62/304,935) 2016-03-07

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[51] **Int.Cl. A61K 9/51 (2006.01) A61K 47/30 (2006.01) A61K 48/00 (2006.01) G01N 21/76 (2006.01)**
[25] EN
[54] **STING ACTIVATING NANOVACCINE FOR IMMUNOTHERAPY**
[54] **NANOVACCIN ACTIVANT STING POUR L'IMMUNOTHERAPIE**
[72] GAO, JINMING, US
[72] CHEN, ZHIJIAN, US
[72] LUO, MIN, US
[72] WANG, ZHAOHUI, US
[72] WANG, HUA, US
[72] CAI, HAOCHENG, US
[72] HUANG, GANG, US
[72] FU, YANG-XIN, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-08-31
[86] 2017-03-02 (PCT/US2017/020451)
[87] (WO2017/151922)
[30] US (62/302,637) 2016-03-02

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[51] **Int.Cl. B65D 43/16 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **CONTAINER AND LID**
[54] **RECIPIENT ET COUVERCLE**
[72] FREEDMAN, JONATHAN R., US
[72] HUBER, DONALD LEE, US
[72] TIFFT, BRIAN, US
[72] LUCAS, FRANKLIN LEE, JR., US
[71] CSP TECHNOLOGIES, INC., US
[85] 2018-08-31
[86] 2017-03-06 (PCT/US2017/021010)
[87] (WO2017/152189)
[30] US (62/303,483) 2016-03-04
[30] US (62/419,275) 2016-11-08

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[13] A1
[51] **Int.Cl. E21B 33/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING FLOW FROM A WELLBORE ANNULUS**
[54] **SYSTEMES ET PROCEDES DE REGULATION DE DEBIT D'UN ESPACE ANNULAIRE DE PUITS DE FORAGE**
[72] KULKARNI, AJAY, US
[72] SPRINGETT, FRANK, US
[72] ZAGOURIS, ANDONI, US
[72] BENNETT, DEAN, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2018-08-31
[86] 2017-03-06 (PCT/US2017/021012)
[87] (WO2017/152190)
[30] US (62/303,878) 2016-03-04

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[13] A1
[51] **Int.Cl. C09J 4/00 (2006.01) C09J 11/00 (2006.01)**
[25] EN
[54] **FATTY ACID AND ROSIN ACID ESTER COMPOSITIONS FOR USE AS PLASTICIZERS IN ADHESIVE FORMULATIONS AND ASSOCIATED METHODS OF USE**
[54] **COMPOSITIONS D'ACIDE GRAS ET D'ESTER D'ACIDE DE COLOPHANE DESTINEES A UNE UTILISATION COMME AGENTS PLASTIFIANTS DANS DES FORMULATIONS D'ADHESIFS ET PROCEDES D'UTILISATION ASSOCIES**
[72] WIDDERS, JOHN C., US
[72] FITZGERALD, RUSS N., US
[72] JOBES, OLIVIA J., US
[72] NEUMANN, BRETT A., US
[71] INGEVITY SOUTH CAROLINA, LLC, US
[85] 2018-08-31
[86] 2017-03-06 (PCT/US2017/021002)
[87] (WO2017/152188)
[30] US (62/303,615) 2016-03-04

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[51] **Int.Cl. A23B 7/148 (2006.01) A23B 7/02 (2006.01) A23B 7/024 (2006.01) A23B 7/14 (2006.01)**
[25] EN
[54] **FRUIT AND VEGETABLE PRODUCTS**
[54] **PRODUITS A BASE DE FRUITS ET DE LEGUMES**
[72] ROY, SOUMYA, US
[72] KHAN, NOMAN, US
[72] DEL MERCADO, BARBARA VAZQUEZ, US
[72] DENSON, KELLIE, US
[71] OCEAN SPRAY CRANBERRIES, INC., US
[85] 2018-08-31
[86] 2017-03-02 (PCT/US2017/020490)
[87] (WO2017/151948)
[30] US (62/303,334) 2016-03-03
[30] US (62/304,059) 2016-03-04
[30] US (62/344,130) 2016-06-01
[30] US (62/438,359) 2016-12-22

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[51] **Int.Cl. C08G 18/44 (2006.01) A61K 8/87 (2006.01) A61Q 5/06 (2006.01) C08G 18/08 (2006.01) C08G 18/10 (2006.01) C08G 18/12 (2006.01) C08G 18/28 (2006.01) C08G 18/38 (2006.01) C08G 18/42 (2006.01) C08G 18/75 (2006.01)**
[25] EN
[54] **LONG LASTING COSMETIC COMPOSITIONS**
[54] **COMPOSITIONS COSMETIQUES LONGUE DUREE**
[72] KANG, SOO-YOUNG, US
[72] TURNER, SARA A., US
[72] TSENG, LING-FANG, US
[72] JI, ZHAOXIA, US
[72] SPENGLER, ERIC G., US
[71] LIVING PROOF, INC., US
[85] 2018-08-31
[86] 2017-03-07 (PCT/US2017/021025)
[87] (WO2017/155906)
[30] US (62/305,275) 2016-03-08
[30] US (62/437,462) 2016-12-21

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[13] A1
[51] **Int.Cl. A61K 9/22 (2006.01) A61K 31/06 (2006.01)**
[25] EN
[54] **DNP AND DNP PRODRUG TREATMENT OF NEUROMUSCULAR, NEURODEGENERATIVE, AUTOIMMUNE, DEVELOPMENTAL, CONCUSSION, DRY EYE DISEASE, AND/OR METABOLIC DISEASES**
[54] **TRAITEMENT PAR LE DNP ET DES PROMEDICAMENTS DU DNP DES MALADIES NEUROMUSCULAIRES, NEURODEGENERATIVES, AUTO-IMMUNES, DES MALADIES DU DEVELOPPEMENT, DE LA COMMOTION, DU SYNDROME DEL' IL SEC, ET/OU DES MALADIES METABOLIQUES**
[72] GEISLER, JOHN GERARD, US
[72] ALONSO, ROBERT, US
[72] CROOKS, PETER ANTHONY, US
[72] PENTHALA, NARSIMHA REDDY, US
[72] ALBAYATI, ZAINEB, US
[71] MITOCHON PHARMACEUTICALS, INC., US
[71] BIOVENTURES, LLC, US
[85] 2018-08-31
[86] 2017-03-07 (PCT/US2017/021080)
[87] (WO2017/155940)
[30] US (62/304,584) 2016-03-07
[30] US (62/460,318) 2017-02-17

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[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **NON-INVASIVE DETECTION OF SKIN DISEASE**
[54] **DETECTION NON INVASIVE D'UNE MALADIE DE PEAU**
[72] SANCHEZ, GABRIEL, US
[72] LANDAVAZO, FRED, IV, US
[72] DELP, SCOTT, US
[72] MONTGOMERY, KATHRYN, US
[71] ZEBRA MEDICAL TECHNOLOGIES, INC., US
[85] 2018-08-31
[86] 2017-03-08 (PCT/US2017/021439)
[87] (WO2017/156182)
[30] US (62/305,207) 2016-03-08
[30] US (62/437,507) 2016-12-21

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[13] A1
[51] **Int.Cl. C21D 6/00 (2006.01) B05D 1/28 (2006.01) B05D 3/02 (2006.01) B05D 7/14 (2006.01) B05D 7/24 (2006.01) C21D 1/26 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **METHODS FOR METAL COATING**
[54] **PROCEDES D'APPLICATION D'UN REVETEMENT METALLIQUE**
[72] MCDERMOTT, JOSEPH E., US
[72] THOMAS, ADAM G., US
[72] DETWEILER, ZACHARY M., US
[71] ARCANUM ALLOYS, INC., US
[85] 2018-08-31
[86] 2017-03-08 (PCT/US2017/021281)
[87] (WO2017/156069)
[30] US (62/305,453) 2016-03-08

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[13] A1
[51] **Int.Cl. G01H 9/00 (2006.01) E21B 47/0228 (2012.01) E21B 43/01 (2006.01)**
[25] EN
[54] **DAS FOR WELL RANGING**
[54] **DETECTION ACOUSTIQUE DISTRIBUEE POUR TELEMETRIE DE PUITS**
[72] BEARDMORE, DAVID HALE, US
[72] MOSHER, CHARLES C., US
[72] SMITH, BRUCE E., US
[72] ATA, ELIAS Z., US
[72] FILICE, FRANK P., US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2018-08-31
[86] 2017-03-09 (PCT/US2017/021674)
[87] (WO2017/156334)
[30] US (62/305,758) 2016-03-09
[30] US (62/305,777) 2016-03-09
[30] US (15/453,517) 2017-03-08

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[13] A1
[51] **Int.Cl. B29C 67/00 (2017.01)**
[25] EN
[54] **METHODS OF SECURING AN INITIAL LAYER DURING ADDITIVE MANUFACTURING OF THERMOPLASTIC MATERIAL**
[54] **PROCEDES DE FIXATION D'UNE COUCHE INITIALE PENDANT LA FABRICATION ADDITIVE D'UN MATERIAU THERMOPLASTIQUE**
[72] SUSNJARA, KENNETH J., US
[72] VAAL, SCOTT G., US
[71] THERMWOOD CORPORATION, US
[85] 2018-08-31
[86] 2017-03-13 (PCT/US2017/022050)
[87] (WO2017/176427)
[30] US (15/090,819) 2016-04-05
[30] US (15/373,660) 2016-12-09

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[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **NAPI2B-TARGETED ANTIBODY-DRUG CONJUGATES AND METHODS OF USE THEREOF**
[54] **CONJUGUES ANTICORPS-MEDICAMENT CIBLANT NAPI2B ET LEURS PROCEDES D'UTILISATION**
[72] BERGSTROM, DONALD A., US
[72] BODYAK, NATALYA D., US
[72] LOWINGER, TIMOTHY B., US
[72] PARK, PETER U., US
[72] POLING, LAURA L., US
[72] YURKOVETSKIY, ALEKSANDR V., US
[71] MERSANA THERAPEUTICS, INC., US
[85] 2018-08-31
[86] 2017-03-13 (PCT/US2017/022155)
[87] (WO2017/160754)
[30] US (62/308,567) 2016-03-15
[30] US (62/323,068) 2016-04-15
[30] US (62/383,324) 2016-09-02

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[51] **Int.Cl. A61M 25/10 (2013.01) A61B 5/00 (2006.01) A61B 5/03 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **PRESSURE CATHETER DEVICE**
[54] **DISPOSITIF DE CATHETER DE PRESSION**
[72] SMITH, BRYCE, US
[71] LABORIE MEDICAL TECHNOLOGIES CORP., CA
[85] 2018-08-31
[86] 2017-03-10 (PCT/US2017/021924)
[87] (WO2017/156466)
[30] US (62/306,828) 2016-03-11

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[13] A1
[51] **Int.Cl. G02C 5/00 (2006.01)**
[25] EN
[54] **FRAME FOR SPECTACLES, A MONOCLE OR A LORGNON**
[54] **MONTURE POUR LUNETTES, MONOCLE OU LORGNON**
[72] GRAF, JUERGEN, DE
[71] GRAF, JUERGEN, DE
[85] 2018-09-04
[86] 2017-03-04 (PCT/DE2017/100174)
[87] (WO2017/148479)
[30] DE (10 2016 104 011.8) 2016-03-04

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[13] A1
[51] **Int.Cl. B08B 3/02 (2006.01) B05B 3/10 (2006.01) B05B 13/02 (2006.01)**
[25] EN
[54] **HIGH PRESSURE CLEANING LANCE DRIVE SAFETY APPARATUS**
[54] **APPAREIL DE SECURITE POUR L'ACTIONNEMENT DE LANCE DE NETTOYAGE HAUTE PRESSION**
[72] BARNES, JEFFERY R., US
[72] GALBRAITH, STEPHEN L., US
[72] SCHNEIDER, JOSEPH, US
[71] STONEAGE, INC., US
[85] 2018-08-31
[86] 2017-03-14 (PCT/US2017/022294)
[87] (WO2017/165155)
[30] US (62/313,438) 2016-03-25

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[51] **Int.Cl. C08L 67/02 (2006.01) C08L 23/06 (2006.01) G02B 6/04 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **POLYMERIC COMPOSITIONS FOR OPTICAL FIBER CABLE COMPONENTS**
[54] **COMPOSITIONS POLYMERES POUR COMPOSANTS DE CABLE A FIBRES OPTIQUES**
[72] HARRIS, WILLIAM J., US
[72] ESSEGHIR, MOHAMED, US
[72] SUN, GANGWEI, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-09-04
[86] 2016-03-07 (PCT/CN2016/075773)
[87] (WO2017/152342)

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[51] **Int.Cl. B62M 3/06 (2006.01) B62M 3/00 (2006.01) B62M 9/08 (2006.01)**
[25] EN
[54] **BICYCLE GEARING SYSTEM WITH NON-ROUND CHAIN SPROCKET**
[54] **TRANSMISSION DE BICYCLETTE A PLATEAU NON CIRCULAIRE**
[72] SCHUBERT, STEFAN, DE
[72] SPROTE, TOBIAS, DE
[72] ROCHLITZER, MARCUS, DE
[71] MOVE BIKES GMBH, DE
[85] 2018-09-04
[86] 2017-02-10 (PCT/EP2017/053083)
[87] (WO2017/137610)
[30] DE (10 2016 001 660.4) 2016-02-12
[30] DE (10 2016 004 888.3) 2016-04-22

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[13] A1
[51] **Int.Cl. G06F 9/00 (2006.01)**
[25] EN
[54] **INTEGRATED SYSTEM FOR BLOCKING PROCEDURE**
[54] **SYSTEME INTEGRE POUR PROCEDE DE BLOCAGE**
[72] CADIZ FLORES, JULIO ENRIQUE, CL
[72] CADIZ PAU, DIEGO IGNACIO, CL
[71] CADIZ FLORES, JULIO ENRIQUE, CL
[71] CADIZ PAU, DIEGO IGNACIO, CL
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[25] EN
[54] **WOUND TREATMENT APPARATUSES AND METHODS WITH NEGATIVE PRESSURE SOURCE INTEGRATED INTO WOUND DRESSING**
[54] **APPAREILS ET PROCEDES DE TRAITEMENT DE PLAIES AVEC UNE SOURCE DE PRESSION NEGATIVE INTEGREE DANS UN PANSEMENT**
[72] ASKEM, BEN ALAN, GB
[72] GOWANS, JOHN PHILIP, GB
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[72] BEADLE, VICTORIA, GB
[72] KELBIE, WILLIAM, GB
[72] HESKETH, MARK, GB
[72] MUSGRAVE, DAMYN, GB
[72] ROBINSON, JOSEPH WILLIAM, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2018-09-04
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[87] (WO2017/153357)
[30] US (62/304790) 2016-03-07
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[51] **Int.Cl. A61K 47/00 (2006.01) A61K 47/55 (2017.01) C07K 16/30 (2006.01)**
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[54] **COMBINATION THERAPY USING A LIV1-ADC AND A CHEMOTHERAPEUTIC**
[54] **POLYTHERAPIE UTILISANT UN ADC-LIV1 ET UN AGENT CHIMIOTHERAPEUTIQUE**
[72] SUSSMAN, DJANGO, US
[72] LI, FU, US
[72] KOSTIC, ANA, US
[71] SEATTLE GENETICS, INC., US
[85] 2018-08-31
[86] 2017-03-15 (PCT/US2017/022541)
[87] (WO2017/161007)
[30] US (62/308,639) 2016-03-15
[30] US (62/317,792) 2016-04-04
[30] US (62/367,510) 2016-07-27

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[25] EN
[54] **JOINING FILMS/FOILS OF INTERMEDIATE LAYERS**
[54] **LIAISON DE FEUILLES DE CALES D'EPAISSEUR**
[72] MARTIN, CHRISTOPH, DE
[72] VOGELE, DANIEL, DE
[71] GEORG MARTIN GMBH, DE
[85] 2018-09-04
[86] 2016-07-08 (PCT/EP2016/066284)
[87] (WO2017/153007)
[30] DE (10 2016 203 691.2) 2016-03-07

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR PRODUCING CLONAL, NON-REDUCED, NON-RECOMBINED GAMETES**
[54] **METHODES ET COMPOSITIONS POUR LA PRODUCTION DE GAMETES CLONALES, NON REDUITES, NON RECOMBINEES**
[72] ALBERTSEN, MARC C., US
[72] FOX, TIM WAYNE, US
[72] SIMON, MARISSA, US
[72] WILLIAMS, MARK E., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2018-08-31
[86] 2017-03-17 (PCT/US2017/022962)
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[25] EN
[54] **DOSAGE REGIMEN FOR THE TREATMENT OF ACUTE EXACERBATIONS OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
[54] **REGIME POSOLOGIQUE POUR LE TRAITEMENT D'EXACERBATIONS AIGUES DE LA BRONCHO-PNEUMOPATHIE CHRONIQUE OBSTRUCTIVE**
[72] ORFORD, COLIN, GB
[72] CLARKE, CYRIL, GB
[72] FARRELL, COLM, GB
[72] PARKIN, JACQUELINE, GB
[72] DE BUCK, STEFAN, CH
[71] MEREO BIOPHARMA 1 LIMITED, GB
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[86] 2016-03-08 (PCT/GB2016/050636)
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[25] EN
[54] **GEARING SYSTEM**
[54] **TRANSMISSION**
[72] SPROTE, TOBIAS, DE
[72] ROCHLITZER, MARCUS, DE
[72] SCHUBERT, STEFAN, DE
[72] WASSMANN, FREDERIK, DE
[72] FEINDT, SIXTUS GODEHARD, DE
[71] MOVE BIKES GMBH, DE
[85] 2018-09-04
[86] 2017-02-10 (PCT/EP2017/053082)
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[25] EN
[54] **TREATMENT OF COGNITIVE AND MOOD SYMPTOMS IN NEURODEGENERATIVE AND NEUROPSYCHIATRIC DISORDERS WITH ALPHA5-CONTAINING GABAA RECEPTOR AGONISTS**
[54] **TRAITEMENT DES SYMPTOMES COGNITIFS ET DES TROUBLES DE L'HUMEUR DANS DES TROUBLES NEURODEGENERATIFS ET NEUROPSYCHIATRIQUES AVEC DES AGONISTES DU RECEPTEUR GABAA CONTENANT ALPHA5**
[72] COOK, JAMES M., US
[72] LI, GUANGUAN, US
[72] POE, MICHAEL, MING-JIN, US
[72] SAVIC, MIROSLAV M., RS
[72] SIBILLE, ETIENNE, CA
[71] UWM RESEARCH FOUNDATION, INC., US
[71] CENTRE FOR ADDICTION AND MENTAL HEALTH, CA
[71] UNIVERSITY OF BELGRADE - FACULTY OF PHARMACY, RS
[85] 2018-08-31
[86] 2017-03-20 (PCT/US2017/023206)
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[54] **PRENYLATION ASSAY**
[54] **DOSAGE DE LA PRENYLATION**
[72] MACLAREN, ROBERT E., GB
[72] MOREIRA PATRICIO, MARIA INES, GB
[71] NIGHTSTARX LIMITED, GB
[85] 2018-09-04
[86] 2017-03-10 (PCT/GB2017/050659)
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[51] **Int.Cl. A01N 43/713 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **HERBICIDAL COMPOSITIONS CONTAINING 2-CHLORO-3-(METHYLSULFANYL)-N-(1-METHYL-1H-TETRAZOLE-5-YL)-4-(TRIFLUOROMETHYL)BENZAMIDE**
[54] **COMPOSITIONS HERBICIDES CONTENANT DU 2-CHLOR-3-(METHYLSULFANYL)-N-(1-METHYL-1H-TETRAZOL-5-YL)-4-(TRIFLUOROMETHYL)BENZAMIDE**
[72] LORENTZ, LOTHAR, DE
[72] TRABOLD, KLAUS, DE
[72] AHRENS, HARTMUT, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] WALDRAFF, CHRISTIAN, DE
[72] KOHN, ARNIM, DE
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
[85] 2018-09-04
[86] 2017-02-20 (PCT/EP2017/053772)
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[25] EN
[54] **COLLECTION DEVICE FOR DIAGNOSTICS OF VAGINAL DISCHARGE**
[54] **DISPOSITIF DE COLLECTE POUR LE DIAGNOSTIC DE PERTES VAGINALES**
[72] NASERI, SARA, US
[72] THERKELSEN, SOREN, US
[71] QURASENSE, INC., US
[85] 2018-08-31
[86] 2017-03-20 (PCT/US2017/023246)
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[25] EN
[54] **HERBICIDAL COMPOSITIONS CONTAINING ACTIVE SUBSTANCES FROM THE GROUP COMPRISING HPPD INHIBITORS, SAFENERS AND TRIAZINES**
[54] **COMPOSITIONS HERBICIDES CONTENANT DES SUBSTANCES ACTIVES DU GROUPE DES INHIBITEURS DE L'HPPD, DES PHYTOPROTECTEURS ET DES TRIAZINES**
[72] LORENTZ, LOTHAR, DE
[72] TRABOLD, KLAUS, DE
[72] SCHMIDT, MATHIAS, DE
[72] DE OLIVEIRA, THIAGO, BR
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[86] 2017-02-28 (PCT/EP2017/054591)
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[25] EN
[54] **OPTIMIZING RANGE OF AIRCRAFT DOCKING SYSTEM**
[54] **OPTIMISATION DE LA PORTEE D'UN SYSTEME D'AMARRAGE D'AERONEF**
[72] HAKANSSON, OLA, SE
[71] ADB SAFEGATE SWEDEN AB, SE
[85] 2018-09-04
[86] 2017-03-07 (PCT/EP2017/055292)
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[51] **Int.Cl. A61B 5/145 (2006.01)**
[25] EN
[54] **DIRECT INFRARED ANALYSIS OF POST-TRANSLATIONAL MODIFICATION OF PROTEINS**
[54] **ANALYSE DIRECTE PAR INFRAROUGE DE MODIFICATION POST-TRADUCTIONNELLE DE PROTEINES**
[72] DELANGHE, JORIS, BE
[72] SPEECKAERT, MARIJN, BE
[72] MONTEYNE, TINNE, BE
[72] DE BEER, THOMAS, BE
[71] UNIVERSITEIT GENT, BE
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[86] 2017-03-06 (PCT/EP2017/055229)
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[30] EP (EP16158854.6) 2016-03-06

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[25] EN
[54] **METHODS FOR ENHANCING THE EFFICIENCY OF GENE EDITING**
[54] **METHODES POUR AMELIORER L'EFFICACITE D'EDITION DE GENES**
[72] D'ANDREA, ALAN, US
[72] GROMPE, MARKUS, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
[85] 2018-08-31
[86] 2017-03-23 (PCT/US2017/023828)
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[30] US (62/312,300) 2016-03-23

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[51] **Int.Cl. F16B 12/20 (2006.01) F16B 12/24 (2006.01)**
[25] EN
[54] **IMPROVED DEVICE FOR JOINING PARTS OF FURNITURE AND FURNISHING ACCESSORIES**
[54] **DISPOSITIF AMELIORE POUR ASSEMBLER DES PIECES DE MEUBLES ET ACCESSOIRES D'AMEUBLEMENT**
[72] GIOVANNETTI, ANTONIO, IT
[71] HAFELE BERLIN GMBH & CO KG, DE
[85] 2018-09-04
[86] 2017-03-24 (PCT/EP2017/057084)
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[30] IT (102016000033056) 2016-03-31

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[25] EN
[54] **PHYSICAL FORM OF A SGR MODULATOR**
[54] **FORME PHYSIQUE D'UN MODULATEUR SELECTIF DU RECEPTEUR DES GLUCOCORTICOIDES**
[72] CHAOYI, DENG, CN
[71] ASTRAZENECA AB, SE
[85] 2018-09-04
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[25] EN
[54] **ULTRASONIC PROBE ADAPTER, ULTRASONIC TESTING METHOD AND ULTRASONIC TESTING SYSTEM**
[54] **ADAPTATEUR DE SONDE ULTRASONORE, PROCEDE DE TEST PAR ULTRASONS ET SYSTEME DE TEST PAR ULTRASONS**
[72] THOMSEN, RALF, DE
[71] VESTAS WIND SYSTEMS A/S, DK
[85] 2018-08-30
[86] 2017-03-14 (PCT/EP2017/055939)
[87] (WO2017/157907)
[30] DE (20 2016 101 407.7) 2016-03-14
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[25] EN
[54] **ABUSE-RESISTANT PHARMACEUTICAL FORMULATIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES ANTI-ABUS**
[72] YOUNG, VICTOR MORRISON, GB
[72] FORBES, MICHAEL, GB
[72] MCNAUGHTON, ALYN BRANDON, GB
[71] INDIVIOR UK LIMITED, GB
[85] 2018-09-04
[86] 2017-03-08 (PCT/IB2017/051362)
[87] (WO2017/153933)
[30] US (62/305,937) 2016-03-09

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[54] **LOCATOR GUIDE EXTENSION**
[54] **EXTENSION DE GUIDE DE DISPOSITIF DE LOCALISATION**
[72] FEYERS, ROBERT, US
[72] BACHELDER, THEODORE, US
[72] ANDOR, RONALD, US
[71] MAGNA EXTERIORS INC., CA
[85] 2018-09-04
[86] 2017-04-19 (PCT/IB2017/052258)
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[30] US (62/324,687) 2016-04-19

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[25] EN
[54] **METHOD FOR MANUFACTURING FUEL CELL STACK**
[54] **PROCEDE DE FABRICATION D'ASSEMBLAGE DE PILES A COMBUSTIBLE**
[72] FUKUYAMA, YOSUKE, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-09-04
[86] 2016-10-18 (PCT/JP2016/080775)
[87] (WO2017/154258)
[30] JP (2016-048336) 2016-03-11

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[25] EN
[54] **DELIVERY SYSTEM FOR PROSTHETIC HEART VALVE**
[54] **SYSTEME DE POSE DE VALVULE CARDIAQUE PROTHETIQUE**
[72] PASSMAN, JOSEPH ARTHUR, US
[72] THAI, LINDA, US
[72] MURAD, MICHAEL, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-08-31
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[87] (WO2017/165842)
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[25] EN
[54] **CONTROL UNIT FOR A MEDICAL DEVICE**
[54] **UNITE DE COMMANDE POUR UN DISPOSITIF MEDICAL**
[72] SHOLEV, MORDEHAI, IL
[72] ELIHAY, LIRAN, IL
[72] BLYAKHMAN, YUVAL, IL
[72] TEIBLUM, OREN, IL
[72] KEREN, AMIT, IL
[71] HUMAN EXTENSIONS LTD., IL
[85] 2018-09-04
[86] 2017-03-09 (PCT/IL2017/050307)
[87] (WO2017/154007)
[30] US (62/306,118) 2016-03-10

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[51] **Int.Cl. C08L 23/22 (2006.01) H01M 8/0271 (2016.01) C08K 5/54 (2006.01) C09K 3/10 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **CURABLE RESIN COMPOSITION, FUEL CELL, AND SEALING METHOD**
[54] **COMPOSITION DE RESINE PHOTODURCISSABLE, PILE A COMBUSTIBLE ET PROCEDE D'ETANCHEITE**
[72] SOGA, TETSUNORI, JP
[72] TAKEBE, HIROSHI, JP
[71] THREEBOND CO., LTD., JP
[85] 2018-09-04
[86] 2017-03-03 (PCT/JP2017/008516)
[87] (WO2017/154777)
[30] JP (2016-045192) 2016-03-09

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[51] **Int.Cl. E21B 34/00 (2006.01) F16K 31/122 (2006.01) F16K 37/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **PRESSURE RELIEF VALVE APPARATUS AND AN ELECTRONIC SYSTEM FOR CONTROLLING THE SAME**
[54] **APPAREIL DE SOUPAPE DE DETENTE, ET SYSTEME ELECTRONIQUE POUR LE COMMANDER**
[72] MOSELEY, LORNE RANDALL, US
[72] WILKINS, BRANDON CARLTON, US
[71] KLX INC., US
[85] 2018-08-31
[86] 2017-03-30 (PCT/US2017/025071)
[87] (WO2017/173108)
[30] US (62/315,495) 2016-03-30

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[25] EN
[54] **PACKAGING DEVICE AND SORTING SYSTEM FOR DIRECTIONAL PACKAGING OF PRODUCTS AND METHOD THEREFOR**
[54] **DISPOSITIF D'EMBALLAGE ET SYSTEME DE TRI POUR L'EMBALLAGE DIRECTIONNEL DE PRODUITS ET PROCEDE ASSOCIE**
[72] NIJLAND, WILHELM JAN, NL
[72] PETERS, DIRK GIJSBERTUS, NL
[72] HARTMAN, TYCHO MARINUS, NL
[71] DE GREEF'S WAGEN-, CARROSSERIE- EN MACHINEBOUW B.V., NL
[85] 2018-09-04
[86] 2017-02-02 (PCT/NL2017/050070)
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[30] NL (2016363) 2016-03-04

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[25] EN
[54] **RIDER-CONTROLLED TRACKLESS RIDE SYSTEM**
[54] **SYSTEME DE MANEGE SANS RAIL COMMANDE PAR UN UTILISATEUR**
[72] RUSSELL, MICHAEL, US
[72] BOSHEARS, MICHAEL, US
[72] ETTA, LAUREN, US
[71] OCEANEERING INTERNATIONAL, INC., US
[85] 2018-08-31
[86] 2017-03-30 (PCT/US2017/025134)
[87] (WO2017/173139)
[30] US (62/315,425) 2016-03-30

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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01) G06Q 50/06 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **A METHOD, A SYSTEM AND A COMPUTER PROGRAM PRODUCT FOR MONITORING REMOTE INFRASTRUCTURE NETWORKS**
[54] **PROCEDE, SYSTEME ET PRODUIT-PROGRAMME INFORMATIQUE DE SURVEILLANCE DE RESEAUX D'INFRASTRUCTURES DISTANTS**
[72] VIECELLI, GRAHAM, AU
[72] MICHALAK, PAWEL, AU
[72] DAVOODIAN, DANIEL, AU
[71] FUGRO ROAMES PTY LTD., AU
[71] FUGRO N.V., NL
[85] 2018-09-04
[86] 2017-03-07 (PCT/NL2017/050137)
[87] (WO2017/155392)
[30] NL (2016372) 2016-03-07

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[25] EN
[54] **SLIDABLE ANTI-FATIGUE MAT**
[54] **TAPIS ANTI-FATIGUE POUVANT ETRE GLISSE**
[72] BURKHALTER, JOHN CHARLES, US
[71] BURKHALTER, JOHN CHARLES, US
[85] 2018-09-04
[86] 2016-03-04 (PCT/US2016/020835)
[87] (WO2016/141273)
[30] US (14/638,169) 2015-03-04

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[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **MODULAR LIGHTING APPLICATION**
[54] **APPLICATION D'ECLAIRAGE MODULAIRE**
[72] SAES, MARC, NL
[72] VERSTEEGDE, TIJS, NL
[72] LYDECKER, STEPHEN HAIGHT, US
[71] ELDOLAB HOLDING B.V., NL
[85] 2018-09-04
[86] 2017-03-13 (PCT/NL2017/050157)
[87] (WO2017/155410)
[30] NL (2015424) 2016-03-11

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[51] **Int.Cl. B63B 1/24 (2006.01) B63B 1/28 (2006.01) B63G 8/18 (2006.01) B64C 35/00 (2006.01)**
[25] EN
[54] **FLYING CRAFT WITH REALTIME CONTROLLED HYDROFOIL**
[54] **ENGIN VOLANT A HYDROPTERE COMMANDE EN TEMPS REEL**
[72] BOUSQUET, GABRIEL, US
[71] BOUSQUET, GABRIEL, US
[85] 2018-08-31
[86] 2017-04-21 (PCT/US2017/028840)
[87] (WO2017/184981)
[30] US (62/325,753) 2016-04-21

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[51] **Int.Cl. C10G 35/095 (2006.01) B01J 29/42 (2006.01) B01J 37/10 (2006.01)**
[25] EN
[54] **METHOD AND CATALYST FOR PRODUCING HIGH OCTANE COMPONENTS**
[54] **PROCEDE ET CATALYSEUR DESTINES A LA PRODUCTION DE CONSTITUANTS A INDICE D'OCTANE ELEVE**
[72] IMSHENETSKIY, VLADIMIR VLADISLAVOVICH, RU
[72] LISCHINER, JOSEPH IZRAILEVICH, RU
[72] MALOVA, OLGA VASILYEVNA, RU
[72] PCHELINTSEV, DENIS VASILYEVICH, RU
[72] TARASOV, ANDREY LEONIDOVICH, RU
[71] LIMITED LIABILITY COMPANY "NEW GAS TECHNOLOGIES-SYNTHESIS" (LLC "NGT-SYNTHESIS"), RU
[85] 2018-09-04
[86] 2016-03-09 (PCT/RU2016/000128)
[87] (WO2017/155425)

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[13] A1
[51] **Int.Cl. C08G 18/38 (2006.01)**
[25] EN
[54] **THIOURETHANE POLYMERS, METHOD OF SYNTHESIS THEREOF AND USE IN ADDITIVE MANUFACTURING TECHNOLOGIES**
[54] **POLYMERES DE THIOURETHANE, LEUR PROCEDE DE SYNTHESE ET UTILISATION DANS DES TECHNOLOGIES DE FABRICATION ADDITIVE**
[72] ELLSON, GREGORY T., US
[72] LUND, BENJAMIN R., US
[72] VOIT, WALTER, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] ADAPTIVE 3D TECHNOLOGIES, US
[85] 2018-08-22
[86] 2017-03-14 (PCT/US2017/022268)
[87] (WO2017/160810)
[30] US (62/308,664) 2016-03-15
[30] US (15/458,220) 2017-03-14

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **ANTIBODIES TO CD40 WITH ENHANCED AGONIST ACTIVITY**
[54] **ANTICORPS ANTI-CD40 PRESENTANT UNE ACTIVITE AGONISTE RENFORCEE**
[72] RAVETCH, JEFFREY V., US
[72] DAHAN, RONY, US
[71] THE ROCKEFELLER UNIVERSITY, US
[85] 2018-09-04
[86] 2016-06-28 (PCT/US2016/039785)
[87] (WO2017/151176)
[30] US (62/304,012) 2016-03-04

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[51] **Int.Cl. C10L 3/12 (2006.01) C10G 70/04 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **FLARE RECOVERY WITH CARBON CAPTURE**
[54] **RECUPERATION DE GAZ DE TORCHE A CAPTURE DU CARBONE**
[72] PRIM, ERIC, US
[71] PILOT ENERGY SOLUTIONS, LLC, US
[85] 2018-09-04
[86] 2016-03-04 (PCT/US2016/021022)
[87] (WO2017/151147)

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[51] **Int.Cl. A61C 3/00 (2006.01) A61C 7/00 (2006.01) A61C 7/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DENTAL VIBRATION**
[54] **PROCEDE ET DISPOSITIF DE VIBRATION DENTAIRE**
[72] WAY, BRYCE A., US
[72] JOHNSON, RICHARD, US
[72] ABATELLI, PHILLIP, US
[72] MIRZAAGHAEIAN, AMIN HADI, US
[72] SIEG, JAMES, US
[72] PHAN, CHRISTOPHER U., US
[72] NICOZISIS, JONATHAN L., US
[71] ADVANCED ORTHODONTICS AND EDUCATION ASSOCIATION, LLC, US
[85] 2018-08-24
[86] 2017-02-27 (PCT/US2017/019767)
[87] (WO2017/147604)
[30] US (62/300,705) 2016-02-26

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[51] **Int.Cl. G01R 31/36 (2006.01) G01N 27/42 (2006.01) H01M 10/42 (2006.01) H01M 10/44 (2006.01) H01M 10/48 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM, AND METHOD FOR MEASURING INTERNAL IMPEDANCE OF A TEST BATTERY USING FREQUENCY RESPONSE**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE MESURE DE L'IMPEDANCE INTERNE D'UNE BATTERIE TESTEE AU MOYEN D'UNE REPONSE EN FREQUENCE**
[72] CHRISTOPHERSEN, JON P., US
[72] MORRISON, WILLIAM H., US
[72] MORRISON, JOHN L., US
[71] BATTELLE ENERGY ALLIANCE, LLC, US
[85] 2018-08-31
[86] 2017-03-02 (PCT/US2017/020499)
[87] (WO2017/151955)
[30] US (15/060,183) 2016-03-03

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[51] **Int.Cl. G06T 19/00 (2011.01) G06T 3/00 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING METHOD, DISPLAY DEVICE, AND INSPECTION SYSTEM**
[54] **PROCEDE DE TRAITEMENT D'IMAGE, DISPOSITIF D'AFFICHAGE ET SYSTEME D'INSPECTION**
[72] OGATA, KORETAKA, JP
[72] OKATANI, TAKAYUKI, JP
[71] RICOH COMPANY, LTD., JP
[71] TOHOKU UNIVERSITY, JP
[85] 2018-09-04
[86] 2017-03-08 (PCT/JP2017/009342)
[87] (WO2017/155005)
[30] JP (2016-046322) 2016-03-09
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[51] **Int.Cl. F01N 11/00 (2006.01)**
[25] EN
[54] **VIRTUAL SENSING SYSTEM**
[54] **SYSTEME DE DETECTION VIRTUELLE**
[72] PRADUN, JAMES N., US
[72] ZHANG, SANHONG, US
[72] QUANDT, JEREMY, US
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[85] 2018-08-31
[86] 2017-03-02 (PCT/US2017/020504)
[87] (WO2017/151959)
[30] US (62/302,482) 2016-03-02

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[51] **Int.Cl. H05B 1/02 (2006.01) H05B 3/12 (2006.01)**
[25] EN
[54] **HEATER ELEMENT AS SENSOR FOR TEMPERATURE CONTROL IN TRANSIENT SYSTEMS**
[54] **ELEMENT CHAUFFANT SOUS LA FORME D'UN CAPTEUR POUR UNE REGULATION DE TEMPERATURE DANS DES SYSTEMES TRANSITOIRES**
[72] CULBERTSON, DAVID P., US
[72] OHSE, JEREMY, US
[72] EVERLY, MARK D., US
[72] QUANDT, JEREMY J., US
[72] PRADUN, JAMES N., US
[72] ROHDE, JOHN P., US
[72] HOVEN, MARK L.G., US
[72] WADEWITZ, BRET, US
[72] ZHANG, SANHONG, US
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[85] 2018-08-31
[86] 2017-03-02 (PCT/US2017/020506)
[87] (WO2017/151960)
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[51] **Int.Cl. A61K 31/568 (2006.01) A61K 47/14 (2017.01) A61K 47/44 (2017.01)**
[25] EN
[54] **FORMULATIONS OF TESTOSTERONE AND METHODS OF TREATMENT THEREWITH**
[54] **FORMULATIONS DE TESTOSTERONE ET METHODES DE TRAITEMENT ASSOCIEES**
[72] JOSEPHS, ROBERT A., US
[72] HERMAN, CRAIG, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] MEDCARA PHARMACEUTICALS, LLC, US
[85] 2018-09-04
[86] 2017-03-02 (PCT/US2017/020439)
[87] (WO2017/151911)
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[51] **Int.Cl. E21B 10/08 (2006.01) E21B 10/20 (2006.01)**
[25] EN
[54] **DRILL BITS, ROTATABLE CUTTING STRUCTURES, CUTTING STRUCTURES HAVING ADJUSTABLE ROTATIONAL RESISTANCE, AND RELATED METHODS**
[54] **TREPANS, STRUCTURES DE COUPE ROTATIVES, STRUCTURES DE COUPE AYANT UNE RESISTANCE A LA ROTATION REGLABLE ET PROCEDES S'Y RAPPORTANT**
[72] STOCKEY, DAVID, A., US
[72] SPENCER, REED, W., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-04
[86] 2017-03-02 (PCT/US2017/020399)
[87] (WO2017/151885)
[30] US (15/060,991) 2016-03-04

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[51] **Int.Cl. C07C 41/26 (2006.01) A61K 31/085 (2006.01) A61P 43/00 (2006.01) C07C 43/23 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PHENOXYETHANOL DERIVATIVE**
[54] **PROCEDE DE PRODUCTION D'UN DERIVE DE PHENOXYETHANOL**
[72] TOYAMA, TAKAYUKI, JP
[72] MIYAKE, NAOKI, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2018-09-04
[86] 2017-03-14 (PCT/JP2017/010159)
[87] (WO2017/159669)
[30] JP (2016-050604) 2016-03-15

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[25] EN
[54] **METHOD OF TREATING AN EYE DISORDER BY INHIBITING OR DISRUPTING BACTERIAL BIOFILM FORMATION**
[54] **PROCEDE DE TRAITEMENT D'UN TROUBLE OCULAIRE PAR INHIBITION OU PERTURBATION DE LA FORMATION DU BIOFILM BACTERIEN**
[72] RYNERSON, JAMES M., US
[71] RYNERSON, JAMES M., US
[85] 2018-09-04
[86] 2017-03-03 (PCT/US2017/020618)
[87] (WO2017/152027)
[30] US (62/304,033) 2016-03-04
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[51] **Int.Cl. F01N 3/027 (2006.01) F01N 3/20 (2006.01) H01C 7/02 (2006.01) H05B 3/12 (2006.01)**
[25] EN
[54] **HEATER ELEMENT HAVING TARGETED DECREASING TEMPERATURE RESISTANCE CHARACTERISTICS**
[54] **APPAREIL DE CHAUFFAGE AYANT DES CARACTERISTIQUES DE RESISTANCE A LA TEMPERATURE DECROISSANTE CIBLEES**
[72] EVERLY, MARK D., US
[72] OHSE, JEREMY, US
[72] MARGAVIO, PATRICK, US
[72] ZHANG, SANHONG, US
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
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[86] 2017-03-02 (PCT/US2017/020511)
[87] (WO2017/151965)
[30] US (62/302,482) 2016-03-02

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[51] **Int.Cl. H01L 51/00 (2006.01) H01L 51/44 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ORGANIC SEMICONDUCTOR DEVICES WITH SPUTTERED CONTACT LAYERS**
[54] **SYSTEMES ET PROCEDES POUR DISPOSITIFS A SEMI-CONDUCTEUR ORGANIQUE AYANT DES COUCHES DE CONTACT PULVERISEES**
[72] HAMMOND, SCOTT R., US
[72] VAN HEST, MARINUS FRANCISCUS ANTONIUS MARIA, US
[71] SOLARWINDOW TECHNOLOGIES, INC., US
[71] ALLIANCE FOR SUSTAINABLE ENERGY, LLC, US
[85] 2018-09-04
[86] 2017-03-03 (PCT/US2017/020676)
[87] (WO2017/152060)
[30] US (62/304,078) 2016-03-04

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[51] **Int.Cl. H04W 28/02 (2009.01)**
[25] EN
[54] **QUALITY OF SERVICE (QOS) MANAGEMENT IN WIRELESS NETWORKS**
[54] **GESTION DE LA QUALITE DE SERVICE (QOS) DANS DES RESEAUX SANS FIL**
[72] FACCIN, STEFANO, US
[72] HORN, GAVIN BERNARD, US
[72] LEE, SOO BUM, US
[72] ZISIMOPOULOS, HARIS, US
[72] CHAPONNIERE, LENAIG GENEVIEVE, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-04
[86] 2017-03-03 (PCT/US2017/020744)
[87] (WO2017/176399)
[30] US (62/318,150) 2016-04-04
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[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **TELEGRAM SPLITTING FOR SLOTTED ALOHA**
[54] **DIVISION DE MESSAGES POUR ALOHA A CRENEAUX**
[72] HEUBERGER, ALBERT, DE
[72] BREILING, MARCO, DE
[72] ROBERT, JOERG, DE
[72] KNEISSL, JAKOB, DE
[72] KILIAN, GERD, DE
[72] BERNHARD, JOSEF, DE
[72] WECHSLER, JOHANNES, DE
[72] ERETH, STEFAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG, DE
[85] 2018-08-30
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[30] EP (16160485.5) 2016-03-15

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[51] **Int.Cl. H04W 52/02 (2009.01)**
[25] EN
[54] **MICRO SLEEP INDICATOR TECHNIQUES IN A WIRELESS COMMUNICATION SYSTEM**
[54] **TECHNIQUES D'INDICATION DE MICRO-SOMMEIL DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] SUN, JING, US
[72] YOO, TAESANG, US
[72] MONTOJO, JUAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-04
[86] 2017-02-23 (PCT/US2017/019121)
[87] (WO2017/180245)
[30] US (62/322,105) 2016-04-13
[30] US (15/425,944) 2017-02-06

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CANCERS USING PD-1 AXIS BINDING ANTAGONISTS AND ANTI-GPC3 ANTIBODIES**
[54] **PROCEDES DE TRAITEMENT DE CANCERS AU MOYEN D'ANTAGONISTES SE LIANT A L'AXE PD-1 ET D'ANTICORPS ANTI-GPC3**
[72] ENDO, MIKA, JP
[72] KATO, ATSUHIKO, JP
[72] OHTOMO, TOSHIHIKO, JP
[72] ADACHI, KENJI, JP
[72] KINOSHITA, YASUKO, JP
[72] NARITA, YOSHINORI, JP
[71] GENENTECH, INC., US
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2018-09-04
[86] 2017-03-14 (PCT/JP2017/010267)
[87] (WO2017/159699)
[30] JP (2016-051424) 2016-03-15

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[25] EN
[54] **DUAL-PURPOSE HEATER AND FLUID FLOW MEASUREMENT SYSTEM**
[54] **DISPOSITIF DE CHAUFFAGE A DOUBLE USAGE ET SYSTEME DE MESURE D'ECOULEMENT DE FLUIDE**
[72] SWANSON, CAL, US
[72] EVERLY, MARK D., US
[72] CULBERTSON, DAVID P., US
[72] PRADUN, JAMES N., US
[72] QUANDT, JEREMY J., US
[72] HOVEN, MARK, US
[72] OHSE, JEREMY, US
[72] ZHANG, SANHONG, US
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
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[87] (WO2017/151967)
[30] US (62/302,482) 2016-03-02

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[51] **Int.Cl. C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **MULTIPLEXED IMMUNOHISTOCHEMISTRY USING RECOMBINANT ANTIBODIES WITH EPITOPE TAGS**
[54] **IMMUNOHISTOCHIMIE MULTIPLEXEE UTILISANT DES ANTICORPS RECOMBINANTS AVEC DES MARQUEURS D'EPITOPE**
[72] FARRELL, MICHAEL, US
[72] MAY, ERIC, US
[72] TANG, LEI, US
[72] ZHANG, WENJUN, US
[72] HUBBARD, ANTONY, US
[72] TSAO, TSU-SHUEN, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2018-09-04
[86] 2017-03-07 (PCT/US2017/021157)
[87] (WO2017/155996)
[30] US (62/305,440) 2016-03-08
[30] US (62/418,667) 2016-11-07
[30] US (62/461,651) 2017-02-21

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[51] **Int.Cl. G01N 25/16 (2006.01) B01F 3/08 (2006.01) B01J 14/00 (2006.01) B01J 19/12 (2006.01) G01F 23/22 (2006.01)**
[25] EN
[54] **PRESSURIZABLE DILATOMETER SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL DE DILATOMETRE POUVANT ETRE MIS SOUS PRESSION**
[72] BREWER, DAVID N., US
[71] BREWER, DAVID N., US
[85] 2018-09-04
[86] 2017-02-28 (PCT/US2017/019937)
[87] (WO2017/151605)
[30] US (62/303,411) 2016-03-04
[30] US (15/443,598) 2017-02-27

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[51] **Int.Cl. C08L 67/02 (2006.01) C08G 63/672 (2006.01) C08K 3/34 (2006.01)**
[25] EN
[54] **POLYESTER RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE DE POLYESTER**
[72] MORISHITA, TAKAMI, JP
[72] HIROKANE, TAKESHI, JP
[72] ISHII, KENTARO, JP
[72] MORISHITA, TOMOE, JP
[72] ARAI, HIROKATSU, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2018-09-04
[86] 2017-05-09 (PCT/JP2017/017590)
[87] (WO2017/195791)
[30] JP (2016-094789) 2016-05-10
[30] JP (2016-112555) 2016-06-06

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[51] **Int.Cl. F01N 3/20 (2006.01) F01N 13/14 (2010.01)**
[25] EN
[54] **HEATER-ACTUATED FLOW BYPASS**
[54] **DERIVATION D'ECOULEMENT ACTIONNEE PAR UN DISPOSITIF DE CHAUFFAGE**
[72] STEINHAUSER, LOUIS P., US
[72] EVERLY, MARK D., US
[72] JAMBOR, GEORGE F., US
[72] LINDLEY, JACOB, US
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
[85] 2018-08-31
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[87] (WO2017/151968)
[30] US (62/302,482) 2016-03-02

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[51] **Int.Cl. H04B 5/02 (2006.01) H04W 4/00 (2018.01) H04W 88/00 (2009.01) H04B 5/00 (2006.01)**
[25] EN
[54] **BAND/TAG WITH INTEGRATED STATUS AND TRACKING**
[54] **BANDE/ETIQUETTE A ETAT ET SUIVI INTEGRES**
[72] ANDERSON, AUSTIN DANIEL, US
[72] WHITFORD, JEFFREY ALTON, US
[71] ICONEX LLC, US
[85] 2018-09-04
[86] 2017-03-17 (PCT/US2017/022932)
[87] (WO2017/161245)
[30] US (15/074,440) 2016-03-18

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[51] **Int.Cl. A47F 10/06 (2006.01) A47F 10/00 (2006.01) A47F 10/02 (2006.01) A47F 10/04 (2006.01) A47J 43/00 (2006.01)**
[25] EN
[54] **FOOD AND LABELING APPARATUS**
[54] **APPAREIL POUR ALIMENTS ET ETIQUETAGE**
[72] ANDERSON, AUSTIN DANIEL, US
[72] WHITFORD, JEFFREY ALTON, US
[71] ICONEX LLC, US
[85] 2018-09-04
[86] 2017-03-17 (PCT/US2017/022946)
[87] (WO2017/161255)
[30] US (15/074,449) 2016-03-18

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[51] **Int.Cl. G01C 23/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS, AND COMPUTER-READABLE MEDIUM FOR GATHERING INFORMATION**
[54] **PROCEDE, APPAREIL ET SUPPORT LISIBLE PAR ORDINATEUR POUR LA COLLECTE D'INFORMATIONS**
[72] THOMAS, DAVID, US
[71] BRYX, INC., US
[85] 2018-08-31
[86] 2017-03-02 (PCT/US2017/020539)
[87] (WO2017/151984)
[30] US (62/302,247) 2016-03-02
[30] US (62/402,351) 2016-09-30

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[51] **Int.Cl. C07K 19/00 (2006.01) C07K 14/55 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/32 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **MULTISPECIFIC AND MULTIFUNCTIONAL MOLECULES AND USES THEREOF**
[54] **MOLECULES MULTISPECIFIQUES ET MULTIFONCTIONNELLES ET LEURS UTILISATIONS**
[72] LOEW, ANDREAS, US
[72] VASH, BRIAN EDWARD, US
[71] ELSTAR THERAPEUTICS, INC., US
[85] 2018-09-04
[86] 2017-03-21 (PCT/US2017/023483)
[87] (WO2017/165464)
[30] US (62/310,929) 2016-03-21
[30] US (62/310,899) 2016-03-21

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[51] **Int.Cl. B65D 43/16 (2006.01)**
[25] EN
[54] **RESEALABLE CONTAINER**
[54] **CONTENANT REFERMABLE**
[72] SANBAR, FADI, US
[71] COOL GEAR INTERNATIONAL, LLC, US
[85] 2018-08-31
[86] 2017-03-03 (PCT/US2017/020606)
[87] (WO2017/152021)
[30] US (62/303,953) 2016-03-04

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[13] A1
[51] **Int.Cl. B01J 38/48 (2006.01) B01J 23/26 (2006.01) B01J 23/86 (2006.01) B01J 23/92 (2006.01) B01J 23/94 (2006.01) B01J 37/02 (2006.01) B01J 38/50 (2006.01)**
[25] EN
[54] **REGENERATION OF CATALYTIC OXIDATION CATALYST IMPREGNATED WITH CHROMIUM**
[54] **REGENERATION DE CATALYSEUR D'OXYDATION CATALYTIQUE IMPREGNE DE CHROME**
[72] KRAMER, KEITH, US
[72] COWFER, JOSEPH A., US
[71] OXY VINYLS, LP, US
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[25] EN
[54] **SCHEDULING REQUEST COLLECTION THROUGH LICENSE-ASSISTED OPERATION**
[54] **COLLECTE DE DEMANDES DE PROGRAMMATION PAR L'INTERMEDIAIRE D'UNE OPERATION SOUS LICENCE**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SADIQ, BILAL, US
[72] CEZANNE, JUERGEN, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-04
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[54] **GAMING DEVICE**
[54] **APPAREIL DE JEU DE DIVERTISSEMENT**
[72] KASEL, DENNIS, DE
[71] NOVOMATIC AG, AT
[85] 2018-08-30
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[54] **SCHEDULING REQUEST COLLECTION AFTER A DISCONTINUOUS RECEPTION PERIOD**
[54] **RECUEIL D'UNE REQUETE D'ORDONNANCEMENT APRES UNE PERIODE DE RECEPTION DISCONTINUE**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LI, JUNYI, US
[72] SUBRAMANIAN, SUNDAR, US
[72] CEZANNE, JUERGEN, US
[72] LUO, TAO, US
[72] SAMPATH, ASHWIN, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-04
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[30] US (62/318,212) 2016-04-05
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[25] EN
[54] **DIRECT CURRENT (DC) LOAD LEVELERS**
[54] **NIVELEURS DE CHARGE A COURANT CONTINU (CC)**
[72] BERNTSEN, GEORGE P., US
[72] VITALIS, LINCOLN, US
[71] FUELCELL ENERGY, INC., US
[85] 2018-09-04
[86] 2017-03-01 (PCT/US2017/020254)
[87] (WO2017/151805)
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[25] EN
[54] **FEL D 1 KNOCKOUTS AND ASSOCIATED COMPOSITIONS AND METHODS BASED ON CRISPR-CAS9 GENOMIC EDITING**
[54] **INACTIVATIONS DE FEL D 1 ET COMPOSITIONS ET PROCEDES ASSOCIES BASES SUR L'EDITION GENOMIQUE DE CRISPR-CAS9**
[72] CHAPMAN, MARTIN D., US
[72] SPASSIBOJKO, OLYA, US
[71] INDOOR BIOTECHNOLOGIES INC., US
[85] 2018-08-31
[86] 2017-03-03 (PCT/US2017/020609)
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[54] **METHOD AND SYSTEM FOR ON-DEMAND CUSTOMIZED SERVICES**
[54] **PROCEDE ET SYSTEME DE SERVICES PERSONNALISES A LA DEMANDE**
[72] WANG, KEVIN SUNLIN, US
[71] OPERR TECHNOLOGIES, INC., US
[85] 2018-08-03
[86] 2017-01-27 (PCT/US2017/015226)
[87] (WO2017/136226)
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[25] EN
[54] **TECHNIQUES FOR SPARSE CODE MULTIPLE ACCESS (SCMA) CODEBOOK DESIGN**
[54] **TECHNIQUES DE CONCEPTION DE LIVRE DE CODES A ACCES MULTIPLE PAR CODE EPARS (SCMA)**
[72] SUN, HAITONG, US
[72] ZENG, WEI, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] GAAL, PETER, US
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] BHUSHAN, NAGA, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-04
[86] 2017-03-30 (PCT/US2017/025016)
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[30] US (62/320,298) 2016-04-08
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[25] EN
[54] **SYSTEM AND METHOD FOR BEAM MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE GESTION DE FAISCEAU**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] CEZANNE, JUERGEN, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SAMPATH, ASHWIN, US
[72] SADIQ, BILAL, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-09-04
[86] 2017-03-31 (PCT/US2017/025556)
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[30] US (62/322,168) 2016-04-13
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[25] EN
[54] **MICROGLIA DERIVED FROM PLURIPOTENT STEM CELLS AND METHODS OF MAKING AND USING THE SAME**
[54] **CELLULES MICROGLIALES DERIVEES DE CELLULES SOUCHES PLURIPOTENTES ET METHODES DE PREPARATION ET D'UTILISATION DE CES DERNIERES**
[72] DOUVARAS, PANAGIOTIS, US
[72] NOGGLE, SCOTT, US
[72] CHANG, STEPHEN, US
[72] FOSSATI, VALENTINA, US
[71] NEW YORK STEM CELL FOUNDATION, INC., US
[85] 2018-09-04
[86] 2017-03-03 (PCT/US2017/020709)
[87] (WO2017/152081)
[30] US (62/303,301) 2016-03-03
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[25] EN
[54] **RECOMBINANT FOLLISTATIN-FC FUSION PROTEINS AND USE IN TREATING DUCHENNE MUSCULAR DYSTROPHY**
[54] **PROTEINES DE FUSION FOLLISTATINE-FC RECOMBINANTES ET LEUR UTILISATION DANS LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE DE DUCHENNE**
[72] ISKENDERIAN, ANDREA, US
[72] NORTON, ANGELA W., US
[72] SHEN, CHUAN, US
[72] PAN, CLARK, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2018-08-31
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[25] EN
[54] **AUXILIARY AIR-CONDITIONING SYSTEM FOR OVER-THE-ROAD TRUCKS**
[54] **SYSTEME DE CLIMATISATION AUXILIAIRE POUR CAMIONS ROUTIERS**
[72] FIERRO, FRANK, US
[71] FIERRO, FRANK, US
[85] 2018-08-30
[86] 2017-03-06 (PCT/US2017/020944)
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[25] EN
[54] **ABUSE-DETERRENT PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE ANTI-ABUS**
[72] GUBITZ, GEORG, AT
[72] GREIMEL, KATRIN, AT
[72] BRANDAUER, MARTIN, AT
[72] HUBER, DANIELA, AT
[72] BLEYMAIER, KLAUS, AT
[72] KROUTIL, WOLFGANG, AT
[72] LECHNER, DORIS, AT
[72] WACHTER, CHRISTOF, AT
[72] WAGNER, HARALD, AT
[72] WINKLER, HEIMO, AT
[71] G.L. PHARMA GMBH, AT
[85] 2018-08-08
[86] 2017-02-28 (PCT/EP2017/054614)
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[30] EP (16157798.6) 2016-02-29

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[25] EN
[54] **ADJUSTABLE SUPPORT BRACKET FOR ELECTRICAL DEVICES**
[54] **SUPPORT AJUSTABLE POUR DES DISPOSITIFS ELECTRIQUES**
[72] KORCZ, KRZYSZTOF, US
[72] JOHNSON, STEVEN J., US
[71] HUBBELL INCORPORATED, US
[85] 2018-09-04
[86] 2017-03-03 (PCT/US2017/020761)
[87] (WO2017/152110)
[30] US (62/302,926) 2016-03-03

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[25] EN
[54] **IMMUNO-GENE COMBINATION THERAPY**
[54] **THERAPIE D'ASSOCIATION IMMUNOGENIQUE**
[72] STERMAN, DANIEL, US
[72] ALBEDA, STEVEN, US
[71] THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-08-31
[86] 2017-03-06 (PCT/US2017/020856)
[87] (WO2017/155846)
[30] US (62/304,233) 2016-03-06

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[51] **Int.Cl. A61B 8/00 (2006.01)**
[25] EN
[54] **ULTRASONIC DEVICE AND DEVICE FOR GENERATING MECHANICAL VIBRATION**
[54] **DISPOSITIF A ULTRASONS ET DISPOSITIF POUR GENERER DES VIBRATIONS MECANIQUES**
[72] WANG, QIANG, CN
[72] SHAO, JINHUA, CN
[72] SUN, JIN, CN
[72] DUAN, HOULI, CN
[71] WUXI HISKY MEDICAL TECHNOLOGIES CO., LTD., CN
[85] 2018-09-05
[86] 2017-07-24 (PCT/CN2017/094030)
[87] (WO2018/024124)
[30] CN (201610634360.6) 2016-08-04

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[51] **Int.Cl. C12Q 1/70 (2006.01) C12N 9/16 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **AUTOMATED NESTED RECOMBINASE POLYMERASE AMPLIFICATION**
[54] **AMPLIFICATION NICHEE AUTOMATISEE PAR RECOMBINASE POLYMERASE**
[72] WHYTE, MURRAY JOHN, GB
[72] ARMES, NIALL A., GB
[72] PIEPENBURG, OLAF, GB
[72] NENTWICH, OLIVER, GB
[72] GREENWOOD, CATHERINE JEAN, GB
[71] ALERE SAN DIEGO, INC., US
[85] 2018-09-04
[86] 2017-03-03 (PCT/US2017/020782)
[87] (WO2017/152122)
[30] US (62/303,934) 2016-03-04

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[51] **Int.Cl. A47B 31/02 (2006.01) A47B 13/08 (2006.01) A47B 33/00 (2006.01)**
[25] EN
[54] **REFRIGERATED FOOD PREPARATION TABLE AND HINGE BRACKET FOR HOLDING LID PARTIALLY OR FULLY OPEN**
[54] **BANC DE PREPARATION D'ALIMENT REFRIGERE ET CHARNIERE PERMETTANT DE MAINTENIR LE COUVERCLE PARTIELLEMENT OU COMPLETEMENT OUVERT**
[72] WILMES, DANIEL A., US
[72] TRULASKE, STEVEN LEE, SR., US
[71] TRUE MANUFACTURING CO., INC., US
[85] 2018-09-04
[86] 2017-03-08 (PCT/US2017/021243)
[87] (WO2017/156051)
[30] US (15/063,557) 2016-03-08

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61P 3/00 (2006.01) A61P 7/02 (2006.01) A61P 9/00 (2006.01) A61P 17/06 (2006.01) A61P 27/02 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **2-AMINO-N-[7-METHOXY-2,3-DIHYDROIMIDAZO-[1,2-C]QUINAZOLIN-5-YL]PYRIMIDINE-5-CARBOXAMIDES**
[54] **2-AMINO-N-[7-METHOXY-2,3-DIHYDROIMIDAZO-[1,2-C]QUINAZOLIN-5-YL]PYRIMIDINE-5-CARBOXAMIDES**
[72] SCHWARZ, THOMAS, DE
[72] LIU, NINGSHU, DE
[72] POLITZ, OLIVER, DE
[72] GERISCH, MICHAEL, DE
[72] LANG, DIETER, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[30] EP (16159156.5) 2016-03-08

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[51] **Int.Cl. G01D 3/028 (2006.01) G06Q 10/04 (2012.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **HANDLING OF PREDICTIVE MODELS BASED ON ASSET LOCATION**
[54] **GESTION DE MODELES PREDICTIFS SELON L'EMPLACEMENT D'UN ACTIF**
[72] MCELHINNEY, ADAM, US
[72] BOUERI, JOHN, US
[72] STACEY, TIMOTHY, US
[71] UPTAKE TECHNOLOGIES, INC., US
[85] 2018-09-04
[86] 2017-03-08 (PCT/US2017/021407)
[87] (WO2017/156156)
[30] US (15/064,878) 2016-03-09

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[51] **Int.Cl. H04W 8/08 (2009.01)**
[25] EN
[54] **CONNECTIVITY TO A LOCAL AREA NETWORK VIA A CELLULAR RADIO ACCESS TECHNOLOGY**
[54] **CONNECTIVITE A UN RESEAU LOCAL PAR L'INTERMEDIAIRE D'UNE TECHNOLOGIE D'ACCES RADIO CELLULAIRE**
[72] HAMPEL, KARL GEORGE, US
[72] PARK, VINCENT DOUGLAS, US
[72] CHENG, HONG, US
[72] HORN, GAVIN BERNARD, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-08-31
[86] 2017-03-06 (PCT/US2017/020915)
[87] (WO2017/180260)
[30] US (62/322,130) 2016-04-13
[30] US (15/265,640) 2016-09-14

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[51] **Int.Cl. C08L 97/02 (2006.01) C08H 8/00 (2010.01) B27N 1/00 (2006.01) D21H 11/00 (2006.01)**
[25] EN
[54] **LIGNOCELLULOSIC COMPOSITES PREPARED WITH AQUEOUS ALKALINE AND UREA SOLUTIONS IN COLD TEMPERATURES SYSTEMS AND METHODS**
[54] **COMPOSITES LIGNOCELLULOSIQUES PREPARES AVEC DES SOLUTIONS AQUEUSES ALCALINES ET D'UREE DANS DES SYSTEMES ET DES PROCEDES A DES TEMPERATURES FROIDES**
[72] TISSERAT, BRENT, US
[72] HAVERHALS, LUKE, US
[72] LIU, ZENGSHE, US
[71] TISSERAT, BRENT, US
[71] LIU, ZENGSHE, US
[71] BRADLEY UNIVERSITY, US
[85] 2018-08-09
[86] 2017-02-09 (PCT/US2017/017254)
[87] (WO2017/139504)
[30] US (62/293,172) 2016-02-09

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[51] **Int.Cl. C07D 487/04 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF ZIKA VIRUS INFECTION**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT D'UNE INFECTION PAR LE VIRUS ZIKA**
[72] BABU, YARLAGADDA S., US
[72] KOTIAN, PRAVIN L., US
[72] BANTIA, SHANTA, US
[71] BIOCRYST PHARMACEUTICALS, INC., US
[85] 2018-09-04
[86] 2017-03-06 (PCT/US2017/020961)
[87] (WO2017/155886)
[30] US (62/304,317) 2016-03-06
[30] US (62/324,180) 2016-04-18
[30] US (62/368,111) 2016-07-28
[30] US (62/370,697) 2016-08-03
[30] US (62/411,867) 2016-10-24
[30] US (62/414,466) 2016-10-28
[30] US (62/462,852) 2017-02-23

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[25] EN
[54] **CD20 BINDING AGENTS AND USES THEREOF**
[54] **AGENTS DE LIAISON A CD20 ET LEURS UTILISATIONS**
[72] TAVERNIER, JAN, BE
[72] VAN DER HEYDEN, JOSE, BE
[72] DEVOOGDT, NICK, BE
[72] D'HUYVETTER, MATTHIAS, BE
[72] KRASNIQI, AHMET, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[85] 2018-09-05
[86] 2017-03-06 (PCT/EP2017/055200)
[87] (WO2017/153345)
[30] EP (16159024.5) 2016-03-07

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[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DOMAIN-SPECIFIC NEGATIVE MEDIA SEARCH TECHNIQUES**
[54] **TECHNIQUES DE RECHERCHE MULTIMEDIA NEGATIVES SPECIFIQUES A UN DOMAINE**
[72] SHIFFMAN, GARY, US
[72] BOROWITZ, JEFFREY, US
[71] GIANT OAK, INC., US
[85] 2018-08-31
[86] 2017-03-06 (PCT/US2017/020943)
[87] (WO2017/152176)
[30] US (62/304,108) 2016-03-04

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[51] **Int.Cl. E21B 25/16 (2006.01) E21B 47/026 (2006.01)**
[25] EN
[54] **DOWNHOLE SURVEYING AND CORE SAMPLE ORIENTATION SYSTEMS, DEVICES AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'ETUDE DE FOND DE TROU ET D'ORIENTATION DE CAROTTE ECHANTILLON**
[72] HEJLEH, KHALED MUFID YOUSEF, AU
[71] GLOBALTECH CORPORATION PTY LTD, AU
[85] 2018-08-14
[86] 2017-02-16 (PCT/AU2017/050137)
[87] (WO2017/139847)
[30] AU (2016900518) 2016-02-15

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[51] **Int.Cl. C12N 15/113 (2010.01) C12N 15/11 (2006.01)**
[25] EN
[54] **TARGETING MICRORNA FOR CANCER TREATMENT**
[54] **CIBLAGE DE MICRO-ARN POUR LE TRAITEMENT DU CANCER**
[72] TEREK, RICHARD, US
[72] CHEN, QIAN, US
[72] SUN, XIAOJUAN, US
[71] RHODE ISLAND HOSPITAL, US
[85] 2018-09-04
[86] 2017-03-06 (PCT/US2017/020975)
[87] (WO2017/152182)
[30] US (62/304,048) 2016-03-04

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[13] A1
[51] **Int.Cl. C10J 3/72 (2006.01) C10J 3/46 (2006.01) C10J 3/48 (2006.01)**
[25] EN
[54] **TWO-STAGE GASIFIER AND GASIFICATION PROCESS WITH FEEDSTOCK FLEXIBILITY**
[54] **GAZEIFIEUR A DEUX ETAGES ET PROCEDE DE GAZEIFICATION PRESENTANT UNE FLEXIBILITE DE LA CHARGE DE DEPART**
[72] WILLIAMS, CHANCELOR L., US
[72] TSANG, ALBERT C., US
[72] AMICK, PHILIP RODNEY, US
[72] SHAH, JAYESH, US
[72] MICHAUD, PAUL EDGAR, US
[72] LOKARE, SHRINIVAS, US
[71] LUMMUS TECHNOLOGY LLC, US
[85] 2018-09-04
[86] 2017-03-02 (PCT/US2017/020404)
[87] (WO2017/151889)
[30] US (62/303,628) 2016-03-04

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[51] **Int.Cl. G01J 1/42 (2006.01) G01N 21/59 (2006.01)**
[25] EN
[54] **OPTICAL NITRATE SENSOR COMPENSATION ALGORITHM FOR MULTIPARAMETER WATER QUALITY MEASUREMENT**
[54] **ALGORITHMES DE COMPENSATION DE CAPTEUR DE NITRATE OPTIQUE POUR SURVEILLANCE DE QUALITE D'EAU A PARAMETRES MULTIPLES**
[72] PALASSIS, CHRISTOPHER JOHN, US
[72] POON, MELANIE C. K., US
[71] YSI, INC., US
[85] 2018-09-04
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[71] W. L. GORE & ASSOCIATES, INC., US
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[54] **COMPRIMES DE DIAMANT POLYCRISTALLIN, PROCEDES DE FORMATION DE DIAMANT POLYCRISTALLIN ET OUTILS DE FORAGE**
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[72] GLEDHILL, ANDREW, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **PROCEDES, SYSTEMES ET SUPPORTS PERMETTANT DE FOURNIR DES INFORMATIONS EN FONCTION D'INFORMATIONS DE REGROUPEMENT**
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[72] ITSKOV, KONSTANTIN OLEGOVICH, US
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[54] **DETECTION DE POSITION DE DISPOSITIF MOBILE DANS UN VEHICULE AU MOYEN DE DONNEES BASEES SUR LE VEHICULE ET DE DONNEES BASEES SUR LE DISPOSITIF MOBILE**
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[72] FERGUSON, DANA, US
[72] SNYDER, JARED, S., US
[71] ALLSTATE INSURANCE COMPANY, US
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[54] **DETERMINING ESTIMATED PICK-UP/DELIVERY WINDOWS USING CLUSTERING**
[54] **DETERMINATION D'ESTIMATIONS DE FENETRES DE RAMASSAGE/LIVRAISON A L'AIDE D'UN REGROUPEMENT**
[72] SHROFF, SUMEET PRADEEP, US
[72] AZAR, ISSAC, US
[72] PICCIONE, ROSALIE, US
[72] HOJECKI, ED, US
[72] GERHARD, BRIAN, US
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[54] **CAPTEUR OPTIQUE DE NITRATE POUR MESURE DE QUALITE DE L'EAU A PARAMETRES MULTIPLES**
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[72] ROJO, MIGUEL A., US
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[54] **PLAQUES DE PLATRE, SYSTEMES ET PROCEDES**
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[72] GILLEY, STUART BRANDON, US
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[54] **DOUILLE CENTRALE POUR EQUILIBRER DES FORCES AXIALES DANS DES POMPES A PLUSIEURS ETAGES**
[72] RUZICKA, PAUL J., US
[72] FELIX, CHRISTOPHER J., US
[72] ROIMICHER, MARCOS D., US
[71] FLUID HANDLING LLC, US
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[54] **SYSTEME ET PROCEDE DE GESTION DE FAISCEAU**
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[72] CEZANNE, JUERGEN, US
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[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION DE DISPOSITIFS DE PROGRAMMATION SANS FIL DANS DES DISPOSITIFS MEDICAUX PROGRAMMABLES**
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[72] HAN, DIANNA (DAN), US
[72] ISTOC, EMIL, US
[71] THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH, US
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[54] **PROCEDES ET APPAREIL D'ESTIMATION DE BRUIT DE PHASE DANS DES SYMBOLES DE DONNEES POUR DES COMMUNICATIONS A ONDES MILLIMETRIQUES**
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[72] LUO, TAO, US
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[72] LIVESLEY-JAMES, COURTLAND, CA
[72] HOOEY, KIERAN, CA
[72] BRUCE, JILLIAN, CA
[71] RIPSHOT ENTERPRISES CORPORATION, CA
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[54] **ANTI-CLONAGE DE MODEM CABLE**
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[72] CARTER, WADE E., US
[71] ARRIS ENTERPRISES LLC, US
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[54] **BLOC-PORTES ET PROCEDES D'INSTALLATION CORRESPONDANTS**
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[72] CICENAS, CHRIS W., US
[72] LINDSEY, DON R., US
[72] KLING, WILLIAM W., US
[72] SWARTZMILLER, STEVEN B., US
[72] WORDEN, ROSS C., US
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[72] LEHMAN, JOSEPH M., US
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[54] **STRUCTURES DE SOUS-TRAMES CONFIGURABLES DANS UNE COMMUNICATION SANS FIL**
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[72] LUO, TAO, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] JI, TINGFANG, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
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[54] **LIPIDES ET COMPLEXES POUR L'ADMINISTRATION D'UN MATERIAU BIOLOGIQUEMENT ACTIF A DES CELLULES**
[72] HAILES, HELEN CLAIRE, GB
[72] TABOR, ALETHEA BERNICE, GB
[72] MOHD MUSTAPA, MOHD FIROUZ, GB
[72] HART, STEPHEN LEWIS, GB
[72] TAGALAKIS, ARISTIDES, GB
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[54] **SYSTEME PERMETTANT DE VERIFIER DES ABSENCES D'OBJET PHYSIQUE DE REGIONS AFFECTEES A L'AIDE D'UNE ANALYSE VIDEO**
[72] HIGH, DONALD, US
[72] JONES, MATTHEW ALLEN, US
[72] NATARAJAN, CHANDRASHEKAR, US
[72] MATTINGLY, TODD DAVENPORT, US
[71] WALMART APOLLO, LLC, US
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[54] **GENERATION DE RECUS EN NUAGE A L'AIDE D'INFORMATIONS DE TRANSACTION**
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[72] HAWTHORNE, KATHRYNE HOLLIE, US
[72] MCCORMICK, DAMON, US
[72] FINEBERG, ALAN, US
[71] SQUARE, INC., US
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[54] **INDICATION DE SYMBOLES DE DEPART ET D'ARRET DE PDSCH ET PUSCH A TRAVERS UN PDCCH**
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[54] **SYSTEMES ET PROCEDES POUR PRODUIRE DE L'HYPERICINE SYNTHETIQUE**
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[54] **DERIVES DE TARTRATE ET DE GLYCOLATE DE RESVERATROL ET LEURS PROCEDES DE SYNTHESE**
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[72] TAVASOLI, ELHAM, US
[71] ELC MANAGEMENT LLC, US
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[54] **APPAREIL DE CRIBLAGE**
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[71] NEUMANN, BRUCE, AU
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[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **SYNCHRONISATION POUR PORTEUSE DE DIFFUSION LTE AUTONOME**
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[72] WEI, YONGBIN, US
[72] GAAL, PETER, US
[72] RICO ALVARINO, ALBERTO, US
[72] WALKER, GORDON, US
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[72] DAMNJANOVIC, ALEKSANDAR, US
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[54] **DISPOSITIF ET PROCEDE POUR TRANSFORMER UNE SOLUTION SALINE STERILE EN BOUILLIE GLACEE**
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[72] COTE, RICHARD, CA
[72] BRISSON, CLAUDE, CA
[72] GOSSELIN, RENE, CA
[72] BERGERON, YVES, CA
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[54] **ORDONNANCEMENT DE SIGNAL DE REFERENCE DE SONDAGE DYNAMIQUE**
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[72] SUBRAMANIAN, SUNDAR, US
[72] LUO, TAO, US
[72] CEZANNE, JUERGEN, US
[72] SADIQ, BILAL, US
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[54] **MULTI-PHASE HEAT DISSIPATING DEVICE FOR AN ELECTRONIC DEVICE**
[54] **DISPOSITIF DE DISSIPATION DE CHALEUR A PHASES MULTIPLES POUR DISPOSITIF ELECTRONIQUE**
[72] CHIRIAC, VICTOR ADRIAN, US
[72] ROSALES, JORGE LUIS, US
[72] MOLLOY, STEPHEN ARTHUR, US
[72] ANDERSON, JON JAMES, US
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[54] **DISPOSITIF, SYSTEME ET PROCEDE DE COLLECTE DE MATIERES FECALES**
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[72] CULLUM, MALFORD E., US
[71] HOLLISTER INCORPORATED, US
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[54] **ALLOCATION D'UNITE DE RESSOURCE D'ACCES ALEATOIRE POUR UN RESEAU A IDENTIFICATION DE MULTIPLES ENSEMBLES DE SERVICES DE BASE (BSSID)**
[72] ASTERJADHI, ALFRED, US
[72] CHO, JAMES, US
[72] CHERIAN, GEORGE, US
[72] MERLIN, SIMONE, US
[71] QUALCOMM INCORPORATED, US
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[54] **MODULE DE REGULATION DE LA VISCOSITE PAR MANIPULATION DE LA TEMPERATURE**
[72] BONNER, MICHAEL R., US
[72] GLADSTONE, ROBERT C., US
[71] BONNER, MICHAEL R., US
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[54] **DILUANT POUR SPERME ET PROCEDE DE CONSERVATION DE SPERME FAISANT APPEL A CELUI-CI**
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[72] UCHIYAMA, KYOKO, JP
[71] LIVESTOCK IMPROVEMENT ASSOCIATION OF JAPAN, INC., JP
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[54] **PROCEDE ET SYSTEME POUR UN MODULE DE TENSION PROGRAMMABLE UNIVERSEL**
[72] SANIO, AARON, CA
[71] MOBILE ELECTRONICS, INC., CA
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[54] **METHODS AND SYSTEMS FOR DETERMINING ANTIBIOTIC SUSCEPTIBILITY**
[54] **PROCEDES ET SYSTEMES POUR DETERMINER UNE SENSIBILITE AUX ANTIBIOTIQUES**
[72] WALKER, GEORGE TERRANCE, US
[72] ROCKWEILER, TONY, US
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[54] **A PROCESS FOR THE PREPARATION OF INSULATION SYSTEMS FOR ELECTRICAL ENGINEERING, THE ARTICLES OBTAINED THEREFROM AND THE USE THEREOF**
[54] **PROCEDE DE PREPARATION DE SYSTEMES D'ISOLATION POUR L'ELECTROTECHNIQUE, ARTICLES OBTENUS A PARTIR DE CELUI-CI ET UTILISATION DE CEUX-CI**
[72] BEISELE, CHRISTIAN, DE
[72] WILBERS, HUBERT, DE
[72] BAER, DANIEL, CH
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[54] **DISPOSITIF DE FERMENTATION D'ALIMENTS ET DE BOISSONS**
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[54] **HEAT TREATED KAOLIN PIGMENT WITH A GE BRIGHTNESS OF AT LEAST 92 FOR PAPER AND COATINGS**
[54] **PIGMENT A BASE DE KAOLIN AYANT SUBI UN TRAITEMENT THERMIQUE A BLANCHEUR D'AU MOINS 92 POUR PAPIER ET REVETEMENTS**
[72] KHOKHANI, ASHOK, US
[72] YILDIRIM, ISMAIL, US
[72] BERUBE, RICHARD, US
[72] MATHUR, SHARAD, US
[72] LAKE, ANTHONY N., US
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[54] **METHODS AND SYSTEMS FOR INTELLIGENTLY DETECTING MALWARE AND ATTACKS ON CLIENT COMPUTING DEVICES AND CORPORATE NETWORKS**
[54] **PROCEDES ET SYSTEMES DE DETECTION INTELLIGENTE DE LOGICIELS MALVEILLANTS ET D'ATTAQUES SUR DES DISPOSITIFS INFORMATIQUES CLIENTS ET DES RESEAUX D'ENTREPRISE**
[72] NANDHA PREMNATH, SRIRAM, US
[72] DAS, SAUMITRA MOHAN, US
[72] GUPTA, RAJARSHI, US
[71] QUALCOMM INCORPORATED, US
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[54] **ENSEMBLE SOUPAPE D'EQUILIBRAGE DE PRESSION**
[72] HENNIG, MARK KEVIN, US
[72] HENRY, DANE, US
[72] SNIDER, JAMES RAYMOND, US
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[54] **SYSTEME ET PROCEDES D'ETALONNAGE D'EXTRACTION DE GAZ**
[72] PICKELL, MARK D., US
[72] LAW, DOUGLAS J., US
[72] BRUMBOIU, AUREL, US
[72] OVEDHE, WILFRED, US
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[54] **METHOD AND APPARATUS FOR ORIENTATION-BASED PAIRING OF DEVICES**
[54] **PROCEDE ET APPAREIL DESTINES A L'APPARIEMENT DE DISPOSITIFS BASE SUR L'ORIENTATION**
[72] GLASS, STEPHEN C., US
[72] LEY, DAVID J., US
[72] MOSELLE, BLAKE C., US
[72] PINDER, ELLIS A., US
[72] PROCTOR, LEE M., US
[72] STOGNER, DARRELL J., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **METHODS FOR THE IN VITRO MANUFACTURE OF GASTRIC FUNDUS TISSUE AND COMPOSITIONS RELATED TO SAME**
[54] **PROCEDES DE FABRICATION IN VITRO DE TISSU DE FUNDUS D'ESTOMAC ET COMPOSITIONS ASSOCIEES A CELUI-CI**
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[72] MCCRACKEN, KYLE, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
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[54] **TRANSMISSION D'IDENTIFICATION NUMERIQUE DE VEHICULE EMBARQUEE**
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[72] WU, YECHENG, US
[72] PODER, DANIEL, US
[71] MORPHOTRUST USA, LLC, US
[71] PODER, DANIEL, US
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[54] **PROCEDE DE COMMUNICATION D2D, ET DISPOSITIF D2D**
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[54] **OVARIAN CANCER SPECIFICALLY TARGETED BIODEGRADABLE AMPHIPHILIC POLYMER, POLYMER VESICLE PREPARED THEREBY AND USE THEREOF**
[54] **POLYMERE AMPHIPHILE BIODEGRADABLE CIBLANT DE MANIERE SPECIFIQUE LE CANCER DE L'OVAIRE, VESICULE DE POLYMERE PREPAREE AVEC CE POLYMERE ET UTILISATION ASSOCIEE**
[72] MENG, FENGHUA, CN
[72] ZOU, YAN, CN
[72] ZHONG, ZHIYUAN, CN
[72] YUAN, JIANDONG, CN
[71] BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD., CN
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[54] **ALGORITHME ET PROCEDE IN VITRO BASE SUR L'EDITION D'ARN VISANT A SELECTIONNER L'EFFET PARTICULIER INDUIT PAR DES COMPOSES ACTIFS**
[72] WEISSMANN, DINAH, FR
[72] VAN DER LAAN, SIEM, FR
[72] SALVETAT, NICOLAS, FR
[72] MOLINA, FRANCK, FR
[72] PUJOL, JEAN-FRANCOIS, FR
[71] ALCEDIAG, FR
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[54] **COMPLEXE OXO-AZOTE DE FER, SYSTEME CATALYTIQUE COMPRENANT LEDIT COMPLEXE OXO-AZOTE DE FER ET PROCEDE POUR LA (CO)POLYMERISATION DE DIENES CONJUGUES**
[72] GUIDO, PAMPALONI, IT
[72] ANNA, SOMMAZZI, IT
[72] GIOVANNI, RICCI, IT
[72] FRANCESCO, MASI, IT
[72] GIUSEPPE, LEONE, IT
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[54] **SECURITY ELEMENT AND METHOD FOR PRODUCING A SECURITY ELEMENT**
[54] **ELEMENT DE SECURITE ET PROCEDE POUR PRODUIRE UN ELEMENT DE SECURITE**
[72] TOMPKIN, WAYNE ROBERT, CH
[72] BURKHARDT, MARKUS, DE
[72] LUTZ, NORBERT, DE
[72] WALTER, HARALD, CH
[72] SCHILLING, ANDREAS, CH
[71] LEONHARD KURZ STIFTUNG & CO. KG, DE
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[54] **COMPOSITIONS HERBICIDES COMPRENANT DE LA CARFENTRAZONE-ETHYLE ET DU BROMOXYNIL**
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[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[54] **ADJUSTMENT MECHANISMS, LADDERS INCORPORATING SAME AND RELATED METHODS**
[54] **MECANISMES DE REGLAGE, ECHELLES LES COMPRENANT ET PROCEDES ASSOCIES**
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[72] PETERSON, SEAN R., US
[72] RUSSELL, BRIAN, US
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[25] EN
[54] **SYSTEM, METHOD AND COMPUTER-ACCESSIBLE MEDIUM FOR TREATING CIRCULATING TUMOR CELLS IN THE BLOOD STREAM**
[54] **SYSTEME, METHODE ET SUPPORT ACCESSIBLE PAR ORDINATEUR POUR TRAITER LES CELLULES TUMORALES CIRCULANTES PRESENTES DANS LE FLUX SANGUIN**
[72] SRIMATHVEERAVALLI, GOVINDARAJAN, US
[72] SOLOMON, STEPHEN BARNETT, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[54] **SYSTEME ET PROCEDE DESTINES A IDENTIFIER UN COMPORTEMENT SUSPECT DANS LES SOINS DE SANTE**
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[71] GEORGIA TECH RESEARCH CORPORATION, US
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[72] JARDIN-WATELET, BENEDICTE, FR
[72] BOURGOIN, NICOLAS, FR
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[71] CEZANNE S.A.S., FR
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[54] **GRILL SYSTEM AND METHOD FOR DETECTING MOVEMENT WHEN MOTOR IS "OFF"**
[54] **SYSTEME DE CALANDRE ET PROCEDE DE DETECTION DE MOUVEMENT LORSQUE LE MOTEUR EST ETEINT**
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[71] TAYLOR COMMERCIAL FOODSERVICE INC., US
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[54] **AUTHORISATION MANAGEMENT AND FLIGHT COMPLIANCE SYSTEM AND METHOD FOR UNMANNED AERIAL VEHICLES**
[54] **SYSTEME ET PROCEDE DE CONFORMITE DE VOL ET DE GESTION D'AUTORISATION POUR DES VEHICULES AERIENS SANS EQUIPAGE**
[72] RUSSELL, BRIAN, IE
[72] FARRELL, RONAN, IE
[71] AGC SAFETY FLY DAC, IE
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[54] **FRAMELESS BULLET TRAP**
[54] **PIEGE A PROJECTILES SANS CADRE**
[72] NORMAN, PETER, SE
[71] ODIN TARGET AB, SE
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[54] **METHODS AND ARTICLES FOR DELIVERING VIABLE CELLS INTO SOLID TISSUE**
[54] **PROCEDES ET ARTICLES D'ADMINISTRATION DE CELLULES VIABLES DANS UN TISSU SOLIDE**
[72] IMRAN, MIR, US
[72] HARRIS, JOEL, US
[71] INCUBE LABS, LLC, US
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[54] **AN ASSEMBLY COMPRISING AT LEAST TWO ELEMENTS IN A MOVABLE ARRANGEMENT RELATIVE TO EACH OTHER AND AN ANTI-FOULING SYSTEM**
[54] **ENSEMBLE COMPRENANT AU MOINS DEUX ELEMENTS AGENCES MOBILES L'UN PAR RAPPORT A L'AUTRE ET SYSTEME ANTI-ENCRASSEMENT**
[72] SALTERS, BART ANDRE, NL
[72] HIETBRINK, ROELANT BOUDEWIJN, NL
[71] KONINKLIJKE PHILPS N.V., NL
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[86] 2017-03-08 (PCT/EP2017/055441)
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[54] **ENGINEERED SCAFFOLDS FOR VASCULARIZED TISSUE REPAIR**
[54] **ECHAFAUDAGES GENETIQUEMENT MODIFIES DESTINES A LA REPARATION DES TISSUS VASCULARISES**
[72] WANG, AIJUN, US
[72] LAM, KIT, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PROTEIN A BINDING POLYPEPTIDES, ANTI-EPHA2 ANTIBODIES AND METHODS OF USE THEREOF**
[54] **POLYPEPTIDES DE LIAISON A LA PROTEINE A, ANTICORPS ANTI-EPHA2 ET LEURS PROCEDES D'UTILISATION**
[72] MARKS, JAMES D., US
[72] DRUMMOND, DARYL, US
[72] GEDDIE, MELISSA, US
[72] KIRPOTIN, DMITRI, US
[72] KOHLI, NEERAJ, US
[72] LUGOVSKY, ALEXEY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **METHOD FOR DETERMINING THE RISK OF RECURRENCE OF AN ESTROGEN RECEPTOR-POSITIVE AND HER2-NEGATIVE PRIMARY MAMMARY CARCINOMA UNDER AN ENDOCRINE THERAPY**
[54] **PROCEDE DE DETERMINATION DU RISQUE DE RECURRENCE D'UN CARCINOME MAMMAIRE PRIMAIRE POSITIF AU RECEPTEUR DES □STROGENES ET NEGATIF HER2 SOUS THERAPIE ENDOCRINIENNE**
[72] WEBER, KARSTEN, DE
[72] SCHEER, MARSEL, DE
[72] PETRY, CHRISTOPH, DE
[71] MYRIAD INTERNATIONAL GMBH, DE
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[54] **ARTICLE DE GENERATION D'AEROSOL**
[72] MALGAT, ALEXANDRE, CH
[72] MINZONI, MIRKO, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **DISPOSITIF D'OCCLUSION**
[72] GRIFFIN, STEPHEN, US
[71] CERUS ENDOVASCULAR LIMITED, GB
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[54] **PUBLISHED INFORMATION PROCESSING METHOD AND DEVICE, AND INFORMATION PUBLISHING SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'INFORMATIONS PUBLIEES ET SYSTEME DE PUBLICATION D'INFORMATIONS**
[72] YANG, LI, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2018-09-04
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[54] **TUYERE DE TURBINE**
[72] WATANABE, FUMIAKI, JP
[71] IHI CORPORATION, JP
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[54] **METHOD AND APPARATUS FOR PURIFYING A MIXTURE COMPRISING OIL AND WAX**
[54] **PROCEDE ET APPAREIL DE PURIFICATION D'UN MELANGE COMPRENANT DE L'HUILE ET DE LA PARAFFINE**
[72] PFEIL, MATHIAS, CH
[71] SULZER CHEMTECH AG, CH
[85] 2018-09-05
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[54] **SYSTEM FOR SUGGESTING A LIST OF ACTIONS TO A USER, AND RELATED METHOD**
[54] **SYSTEME DE SUGGESTION D'UNE LISTE D'ACTIONS A UN UTILISATEUR ET PROCEDE ASSOCIE**
[72] BOUZONNET, LORIS, FR
[72] PELLETIER, BENOIT, FR
[72] PETRETTO, FRANK, FR
[71] BULL SAS, FR
[85] 2018-09-04
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[54] **METHODS OF TREATING COGNITIVE IMPAIRMENTS OR DYSFUNCTION**
[54] **METHODES DE TRAITEMENT DE TROUBLES OU DE DYSFONCTIONNEMENT COGNITIFS**
[72] SHAH, KARTIK KIRAN, US
[72] MUNSHI, AMIT DILIP, US
[72] BATRA, REEMA, US
[71] OXEIA BIOPHARMACEUTICALS, INC., US
[85] 2018-09-05
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[54] **SYSTEM AND METHOD FOR MONITORING AND IMPROVING OPERATION OF SPRAY TOOL**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE ET D'AMELIORATION DE FONCTIONNEMENT D'OUTIL DE PULVERISATION**
[72] SCOTT, CHARLES JOHN, US
[71] CARLISLE FLUID TECHNOLOGIES, INC., US
[85] 2018-09-05
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[54] **AGENTS DE RETICULATION ET PROCEDES ASSOCIES**
[72] AMBATI, BALAMURALI K., US
[72] UEHARA, HIRONORI, US
[72] MUDDANA, SANTOSH, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[54] **RECEIVER, TRANSMITTER, RADIO COMMUNICATION SYSTEM, AND RADIO COMMUNICATION METHOD**
[54] **RECEPTEUR, EMETTEUR-RECEPTEUR, SYSTEME DE COMMUNICATION SANS FIL, ET PROCEDE DE COMMUNICATION SANS FIL**
[72] YAMAZAKI, MAKOTO, JP
[72] OGINO, TOMOHIRO, JP
[72] FUJIMURA, AKINORI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2018-09-05
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[51] **Int.Cl. G06F 9/50 (2006.01) H04L 12/931 (2013.01) G06F 9/44 (2018.01)**
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[54] **IDENTIFYING THE REALIZATION STATUS OF LOGICAL ENTITIES BASED ON A GLOBAL REALIZATION NUMBER**
[54] **IDENTIFICATION DE L'ETAT DE REALISATION D'ENTITES LOGIQUES SUR LA BASE D'UN NUMERO DE REALISATION GLOBAL**
[72] LAMBETH, W. ANDREW, US
[72] STABILE, JAMES JOSEPH, US
[72] CHANDRASHEKHAR, GANESAN, US
[72] THAKKAR, PANKAJ, US
[72] BALLAND, PETER J., III, US
[72] GANICHEV, IGOR, US
[71] NICIRA, INC., US
[85] 2018-09-05
[86] 2017-01-18 (PCT/US2017/013996)
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[30] US (15/069,708) 2016-03-14
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[25] EN
[54] **MEASURED DOSING AND SPRAY BOTTLE FOR MULTI-USE APPLICATIONS AND ASSOCIATED METHOD OF USING**
[54] **BOUTEILLE DE DOSAGE ET DE PULVERISATION MESUREES POUR APPLICATIONS MULTI-USAGES ET PROCEDE D'UTILISATION ASSOCIE**
[72] THOMAS, CANDICE J., US
[72] HARBAUGH, ROBIN B., US
[71] ECOLAB USA INC., US
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[54] **SECURE FILE SHARING OVER MULTIPLE SECURITY DOMAINS AND DISPERSED COMMUNICATION NETWORKS**
[54] **PARTAGE SECURISE DE FICHIERS SUR DE MULTIPLES DOMAINES DE SECURITE ET RESEAUX DE COMMUNICATION DISPERSES**
[72] RUNKIS, WALTER H., US
[72] MARTIN, DONALD E., US
[72] BROMBERGER, JEFFREY J., US
[72] SCOTT, PETER A., US
[71] BITSPRAY CORPORATION, US
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[71] MYA SARAY, LLC, US
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[25] EN
[54] **METHODS FOR BIOBASED DERIVATIZATION OF CELLULOSIC SURFACES**
[54] **PROCEDES DE DERIVATION D'ORIGINE BIOLOGIQUE DE SURFACES CELLULOSIQUES**
[72] SPENDER, JONATHAN, US
[72] BILODEAU, MICHAEL ALBERT, US
[72] BASHAM, DARYL AUBREY, US
[72] BASI, NIRMAL SINGH, US
[71] HS MANUFACTURING GROUP, LLC, US
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[54] **DILATION CATHETER ASSEMBLY WITH ADJUSTMENT FEATURES**
[54] **ENSEMBLE CATHETER DE DILATATION A ACCESSOIRES D'AJUSTEMENT**
[72] CHAN, RANDY S., US
[72] ANASTASIADIS, JOHN, US
[72] WEBER, SAMANTHA M., US
[72] MUNI, KETAN P., US
[72] NGO-CHU, DON Q., US
[71] ACCLARENT, INC., US
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[72] WHITEHEAD, STEPHEN S., US
[72] WOODSON, SARA E., US
[72] DURBIN, ANNA P., US
[72] PLETNEV, ALEXANDER G., US
[72] TSETSARKIN, KONSTANTIN A., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[86] 2017-03-11 (PCT/US2017/021989)
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[54] **PLASTIC ARTICLES MADE FROM RECYCLED MEDICAL AND OTHER PLASTIC WASTE**
[54] **ARTICLES EN PLASTIQUE FABRIQUES A PARTIR DE DECHETS MEDICAUX RECYCLES ET D'AUTRES DECHETS EN PLASTIQUE**
[72] MCQUILLAN, JOHN F., JR., US
[71] TRIUMVIRATE ENVIRONMENTAL, INC., US
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[54] **PROCEDE ET APPAREIL POUR COMMANDER UN PROFIL DE BANDE METALLIQUE PENDANT UN LAMINAGE AVEC UNE MESURE DIRECTE DE PARAMETRES DE PROCESSUS**
[72] FAIRLIE, MATTHEW J., CA
[72] STANISTREET, TIMOTHY F., US
[72] EBOLI, CARLOS, US
[72] ALDER, HANSJUERG, CH
[72] MURAD, LUIZ, BR
[71] NOVELIS INC., US
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[25] EN
[54] **MATTRESSES AND MATTRESS TOPPERS INCLUDING KNITTED FABRIC, AND RELATED METHODS**
[54] **MATELAS ET SUR-MATELAS COMPRENANT UN TRICOT, ET PROCEDES ASSOCIES**
[72] PEARCE, TONY M., US
[71] PURPLE INNOVATION, LLC, US
[85] 2018-09-05
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[25] EN
[54] **SILICA-COATED COMPOSITE FIBER FOR THE REINFORCEMENT OF CONCRETE**
[54] **FIBRE COMPOSITE REVETUE DE SILICE POUR LE RENFORCEMENT DU BETON**
[72] MOIREAU, PATRICK, FR
[72] ROEDERER, FRANCOIS, FR
[72] VIANA, JEAN-LOUIS, FR
[72] TARDY, GERARD, FR
[72] BLANDIN, DAVID, FR
[71] OCV INTELLECTUAL CAPITAL, LLC, US
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[25] EN
[54] **CUSHIONS INCLUDING A COATED ELASTOMERIC CUSHIONING ELEMENT AND RELATED METHODS**
[54] **COUSSINS COMPORTANT UN ELEMENT DE REMBOURRAGE ELASTOMERE AVEC REVETEMENT ET PROCEDES ASSOCIES**
[72] PEARCE, TONY M., US
[71] PURPLE INNOVATION, LLC, US
[85] 2018-09-05
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[54] **CATHETER DE PRESSION ET DISPOSITIF DE RACCORDEMENT**
[72] SMITH, BRYCE, US
[72] GOPING, ING HAN, CA
[71] LABORIE MEDICAL TECHNOLOGIES CORP., CA
[85] 2018-09-05
[86] 2017-03-10 (PCT/US2017/021893)
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[30] US (62/306,820) 2016-03-11

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[54] **APPARATUSES AND METHODS FOR PROVIDING TEMPERATURE CONTROLLED PORTABLE CONTAINER**
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[72] WINKLE, DAVID C., US
[71] WALMART APOLLO, LLC, US
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[54] **CORK THREAD, OBTENTION METHOD AND USES THEREOF**
[54] **FIL DE LIEGE, PROCEDE D'OBTENTION ET SES UTILISATIONS**
[72] MORIM FIGUEIREDO RAMOA, ANA FLORINDA, PT
[72] DA GRACA CORREIA DE OLIVEIRA BONIFACIO SOTTO MAYOR PIZARRO, MARIA, PT
[72] DE ALMEIDA MORGADO, JOSE, PT
[72] OLIVEIRA PROZIL, SONIA, PT
[72] RIBEIRO PEREIRA, MANUEL FERNANDO, PT
[72] GONCALVES PINTO SOARES, OLIVIA SALOME, PT
[72] FERREIRA RAMALHO, PATRICIA SOFIA, PT
[72] MENDES PINTO DE SA, CARLOS ALBERTO, PT
[72] REGADAS PINTO DE SA, VERA LUCIA, PT
[72] COUTOS DOS SANTOS VENTURA, SANDRA GABRIELA, PT
[72] SILVA ABREU, JOAO, PT
[71] SEDACOR-SOCIEDADE EXPORTADORA DE ARTIGOS DE CORTICA, LDA, PT
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[54] **METHODS OF TREATING DEPRESSION USING OREXIN-2 RECEPTOR ANTAGONISTS**
[54] **METHODES DE TRAITEMENT DE LA DEPRESSION A L'AIDE D'ANTAGONISTES DE RECEPTEURS DE L'OREXINE-2**
[72] KENT, JUSTINE M., US
[72] DREVETS, WAYNE C., US
[72] DE BOER, PETER, BE
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **CUSHION COVER WITH INTEGRALLY KNIT, HIGH-RELIEF GRAPHIC FEATURE AND CUSHIONS EMPLOYING SUCH CUSHION COVERS**
[54] **HOUSSE DE COUSSIN AVEC ELEMENT GRAPHIQUE EN HAUT RELIEF TRICOTE D'UN SEUL TENANT ET COUSSINS UTILISANT LESDITES HOUSSES DE COUSSIN**
[72] PEARCE, TONY M., US
[71] PURPLE INNOVATION, LLC, US
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[54] **CRYSTALLINE FORMS OF 2-[(2S)-1-AZABICYCLO[2.2.2]OCT-2-YL]-6-(3-METHYL-1H- PYRAZOL-4-YL)THIENO[3,2-D]PYRIMIDIN-4(3H)-ONE HEMIHYDRATE**
[54] **FORMES CRISTALLINES DE 2-[(2S)-1-AZABICYCLO[2.2.2]OCT-2-YL]-6-(3-METHYL-1H-PYRAZOL-4-YL)THIENO[3,2-D]PYRIMIDIN-4(3H)-ONE HEMIHYDRATEE**
[72] IWATA, KENTARO, JP
[72] MIZUNO, MASAHIRO, JP
[72] MAEDA, KAZUHIRO, JP
[72] YASUMA, TSUNEO, JP
[72] HOMMA, MISAKI, JP
[72] OGURO, YUYA, JP
[72] TAYA, NAOHIRO, JP
[72] ZHU, LEI, US
[72] BAILEY, JOHN DANIEL, US
[72] LANGSTON, MARIANNE, US
[72] PATIL, SIDDHESH DINANATH, US
[72] GOUR, SHRUTI, US
[72] ROY, LILLY, US
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **JOINT DE PORTE DE WAGON-TREMIE**
[72] OZERDIM, CAGLAR, US
[72] REITZ, LEE, US
[72] MCKISIC, AUBRA D., US
[72] CREIGHTON, GEORGE, US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
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[54] **SYSTEM AND METHOD FOR BEAM MANAGEMENT**
[54] **SYSTEME ET PROCEDE POUR UNE GESTION DE FAISCEAU**
[72] LUO, TAO, US
[72] CEZANNE, JUERGEN, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SAMPATH, ASHWIN, US
[72] SADIQ, BILAL, US
[72] LI, JUNYI, US
[72] ISLAM, MUHAMMAD NAZMUL, US
[71] QUALCOMM INCORPORATED, US
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[54] **ADAPTATEUR INTERCHANGEABLE POUR CHANGER DES AMPOULES A DEL**
[72] GURWICZ, JOSEPH, US
[72] ROSEN, MICHAEL, US
[71] JG TECHNOLOGIES LLC, US
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[54] **SMART CANDLE PLATFORM AND SYSTEM**
[54] **PLATEFORME ET SYSTEME DE BOUGIE INTELLIGENTE**
[72] BIANCHINI, JAMIE, US
[72] BAUSWELL, ERIC DAVID, US
[72] WAFLER, DANNY RAY, US
[71] LUDELA, INC., US
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[54] **SYSTEM AND METHOD FOR BEAM ADJUSTMENT REQUEST**
[54] **SYSTEME ET PROCEDE DE DEMANDE DE REGLAGE DE FAISCEAU**
[72] ISLAM, MUHAMMAD NAZMUL, US
[72] LUO, TAO, US
[72] CEZANNE, JUERGEN, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SAMPATH, ASHWIN, US
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[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
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[54] **TECHNIQUES FOR REPORTING CHANNEL FEEDBACK IN WIRELESS COMMUNICATIONS**
[54] **TECHNIQUES DE NOTIFICATION DE RETROACTION DE CANAL DANS DES COMMUNICATIONS SANS FIL**
[72] MERLIN, SIMONE, US
[72] CHEN, JIALING LI, US
[72] FREDERIKS, GUIDO ROBERT, US
[72] ASTERJADHI, ALFRED, US
[72] CHERIAN, GEORGE, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **MANAGING MULTI-DIRECTIONAL BACKOFF COUNTERS FOR QUALITY OF SERVICE**
[54] **GESTION DE COMPTEURS DE REDUCTION DE PUISSANCE MULTIDIRECTIONNELS POUR UNE QUALITE DE SERVICE**
[72] SANDEROVICH, AMICHAI, US
[72] AHARON, MORDECHAY, US
[72] EITAN, ALECSANDER PETRU, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **FCC MATERIALS OF ALUMINUM, COBALT, NICKEL AND TITANIUM, AND PRODUCTS MADE THEREFROM**
[54] **MATERIAUX FCC D'ALUMINIUM, DE COBALT, DE NICKEL ET DE TITANE, ET PRODUITS FABRIQUES A PARTIR DE CES DERNIERS**
[72] LIN, JEN, US
[72] YAN, XINYAN, US
[71] ARCONIC INC., US
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[54] **DISPOSITIF ET PROCEDE DE COUPE**
[72] ROOSE, RIK, BE
[71] FIT THINGS NV, BE
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[25] EN
[54] **GLYCOALKALOID COMBINATIONS AND VARIOUS USES THEREOF**
[54] **COMBINAISONS DE GLYCOALCALOIDES ET LEURS DIVERSES UTILISATIONS**
[72] CHAM, BILL ELLIOT, VU
[72] CHASE, TANIA ROBYN, VU
[72] CHAM, KAI ELLIOT, AU
[71] CHAM, BILL ELLIOT, VU
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[71] CHAM, KAI ELLIOT, AU
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[54] **ERROR CONCEALMENT UNIT, AUDIO DECODER, AND RELATED METHOD AND COMPUTER PROGRAM USING CHARACTERISTICS OF A DECODED REPRESENTATION OF A PROPERLY DECODED AUDIO FRAME**
[54] **UNITE DE DISSIMULATION D'ERREUR, DECODEUR AUDIO ET PROCEDE ET PROGRAMME INFORMATIQUE ASSOCIES UTILISANT DES CARACTERISTIQUES D'UNE REPRESENTATION DECODEE D'UNE TRAME AUDIO CORRECTEMENT DECODEE**
[72] LECOMTE, JEREMIE, US
[72] TOMASEK, ADRIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2017-03-03 (PCT/EP2017/055107)
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[54] **CONTINUOUS HOT-DIP METAL PLATING DEVICE AND CONTINUOUS HOT-DIP METAL PLATING METHOD**
[54] **DISPOSITIF DE PLACAGE DE METAL PAR IMMERSION A CHAUD EN CONTINU ET PROCEDE DE PLACAGE DE METAL PAR IMMERSION A CHAUD EN CONTINU**
[72] NISHIZAWA, KOICHI, JP
[72] OMODAKA, MASAAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **ENSEMBLE ROTOR ET PROCEDE DE FABRICATION**
[72] CREEDON, WILLIAM P., US
[72] SANTAMARIA, GEORGE T., US
[72] WICK, JOHN CHARLES HIRSCHY, US
[71] GENERAL ATOMICS, US
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[54] **METHODS FOR FRACTIONATION OF LUBRICANT FEEDS**
[54] **PROCEDES DE FRACTIONNEMENT DE CHARGES DE LUBRIFIANT**
[72] CHEN, FENGRONG, US
[72] ABD RAHMAN, ZALINA, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **ROASTING AND GRINDING SYSTEM**
[54] **SYSTEME DE TORREFACTION ET DE MOUTURE**
[72] PERENTES, ALEXANDRE, CH
[72] DUBIEF, FLAVIEN, CH
[72] YOAKIM, ALFRED, CH
[72] BOURNIVAL, CHRISTIANNE, CH
[71] NESTEC S.A., CH
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[54] **COMPOSITIONS, DEVICES, AND METHODS OF FUNCTIONAL DYSPEPSIA SENSITIVITY TESTING**
[54] **COMPOSITIONS, DISPOSITIFS ET PROCEDES D'EVALUATION DE LA SENSIBILITE A LA DYSPEPSIE FONCTIONNELLE**
[72] IRANI-COHEN, ZACKARY, US
[72] LADERMAN, ELISABETH, US
[71] BIOMERICA, INC., US
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[54] **APPARATUS AND METHOD FOR INVENTORY MANAGEMENT WITH SOCIAL MEDIA**
[54] **APPAREIL ET PROCEDE DE GESTION D'INVENTAIRE GRACE AUX RESEAUX SOCIAUX**
[72] ATCHLEY, MICHAEL D., US
[72] HIGH, DONALD R., US
[71] WALMART APOLLO, LLC, US
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[54] **COMPENSATION DE CHAMP MAGNETIQUE DANS UN ACCELERATEUR LINEAIRE**
[72] SHVARTSMAN, SHMARYU M., US
[72] DEMPSEY, JAMES F., US
[71] VIEWRAY TECHNOLOGIES, INC., US
[85] 2018-08-28
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[54] **PROTECTIVE HEADGEAR AND SHOULDER PAD APPARATUS AND METHODS**
[54] **CASQUE DE PROTECTION ET APPAREIL A EPAULIERES, ET PROCEDES**
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[71] POPEJOY, WILLIAM, US
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[54] **BLOWING DEVICE AND SEALING ARRANGEMENT**
[54] **DISPOSITIF DE SOUFFLAGE ET SYSTEME DE SCELLEMENT**
[72] PERSSON, TONY, SE
[72] LINDBERG, JONAS, SE
[71] SWEDISH MATCH NORTH EUROPE AB, SE
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[54] **METHOD AND NODES FOR HANDLING BEARERS**
[54] **PROCEDE ET NŒUDS DE MANIPULATION DE PORTEUSE**
[72] OLSSON, TONY, SE
[72] YANG, YONG, SE
[72] HERMANSSON, PATRIK, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **DEVICE AND METHOD FOR EVALUATING SENSOR DATA FOR A VALUE DOCUMENT**
[54] **DISPOSITIF ET PROCEDE D'EVALUATION DE DONNEES DE DETECTION D'UN DOCUMENT DE VALEUR**
[72] ROHRL, WOLFGANG, DE
[72] FORSTER, KARL-DIETER, DE
[71] GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH, DE
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[30] DE (10 2016 003 362.2) 2016-03-18

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[72] MARROQUIN BELAUNZARAN, OSIRIS, CH
[72] RENNER, CHRISTOPH, CH
[72] PETRAUSCH, ULF, CH
[71] UNIVERSITAT ZURICH, CH
[71] UNIVERSITAT BASEL, CH
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[54] **METHOD AND APPARATUS FOR RETRIEVING UNITS FROM A STORAGE SYSTEM**
[54] **PROCEDE ET APPAREIL POUR EXTRAIRE DES UNITES D'UN SYSTEME DE STOCKAGE**
[72] INGRAM-TEDD, ANDREW JOHN, GB
[72] KAROLINCZAK, PAWEL, GB
[72] CLANCY, TOM, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2018-09-06
[86] 2017-03-10 (PCT/EP2017/055697)
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[25] FR
[54] **PROCEDE DE GESTION MEMOIRE AU SEIN D'UN ENSEMBLE DE DISPOSITIFS DE TRAITEMENT DE L'INFORMATION**
[54] **MEMORY MANAGEMENT PROCESS WITHIN A SET OF DATA PROCESSING DEVICES**
[72] HAGIMONT, DANIEL, FR
[72] TCHANA, ALAIN, FR
[71] INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **A TRANSPOSON-BASED TRANSFECTION SYSTEM FOR PRIMARY CELLS**
[54] **SYSTEME DE TRANSFECTION A BASE DE TRANSPOSONS POUR CELLULES PRIMAIRES**
[72] UCKERT, WOLFGANG, DE
[72] BUNSE, MARIO, DE
[72] CLAUSS, JULIAN, DE
[72] IZSVAK, ZSUZSANNA, DE
[71] MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT, DE
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[25] EN
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[72] BRITVA, ALEXANDER, IL
[72] DVERIN, ALEXANDER, IL
[72] PENS, YEVGENY, IL
[72] LEPSELTER, JOSEPH, IL
[72] KARNI, ZIV, IL
[72] TSURGIL, SHAHAR, IL
[72] TOLEDANO, OHAD, IL
[71] ALMA LASERS LTD., IL
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[86] 2017-03-03 (PCT/IB2017/051253)
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[25] EN
[54] **LAMINATED POLYARYLENE SULFIDE HEAT-RESISTANT FILTER**
[54] **FILTRE RESISTANT A LA CHALEUR DE POLY(SULFURE D'ARYLENE) STRATIFIE**
[72] MORI, TATSUYA, JP
[72] SUGIMOTO, TAKESHI, JP
[72] MITSUNAGA, REO, JP
[71] TORAY INDUSTRIES, INC., JP
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[25] EN
[54] **METHOD AND APPARATUS FOR SOLID FREEFORM FABRICATION OF OBJECTS UTILIZING IN SITU INFUSION**
[54] **PROCEDE ET APPAREIL DE FABRICATION EN FORME LIBRE SOLIDE D'OBJETS A L'AIDE DE L'INFUSION IN SITU**
[72] STEEGE, ADAM T.C., US
[71] TRIO LABS, INC., US
[85] 2018-08-22
[86] 2017-02-24 (PCT/US2017/019371)
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[54] **TREATMENT OF ALLERGIC EYE CONDITIONS WITH CYCLODEXTRINS**
[54] **TRAITEMENT DES PATHOLOGIES OCULAIRES ALLERGIQUES AVEC DES CYCLODEXTRINES**
[72] YOUNG, SCOTT, US
[72] BRADY, TODD, US
[72] MACHATHA, STEPHEN GITU, US
[72] CLARK, DAVID, US
[72] MACDONALD, SUSAN, US
[71] ALDEYRA THERAPEUTICS, INC., US
[85] 2018-08-23
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[30] US (62/300,907) 2016-02-28
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[54] **LOCK FOR A REBATED DOOR**
[54] **SERRURE POUR PORTE A RECOUVREMENT**
[72] ASCHIERI, GIOVANNI, IT
[71] BONAITI SERRATURE S.P.A., IT
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[25] EN
[54] **FCC MATERIALS OF ALUMINUM, COBALT, IRON AND NICKEL, AND PRODUCTS MADE THEREFROM**
[54] **MATERIAUX D'ALUMINIUM, COBALT FER ET NICKEL A STRUCTURE FCC ET PRODUITS FABRIQUES A PARTIR DE CEUX-CI**
[72] LIN, JEN, US
[72] YAN, XINYAN, US
[71] ARCONIC INC., US
[85] 2018-09-05
[86] 2017-04-19 (PCT/US2017/028427)
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[25] EN
[54] **SYSTEM AND METHOD FOR AERIAL SYSTEM DISCRIMINATION AND ACTION**
[54] **SYSTEME ET PROCEDE DE DISCRIMINATION ET D'ACTION POUR SYSTEME AERIEN**
[72] BANGA, JASMINDER, US
[71] AIRSPACE SYSTEMS INC., US
[85] 2018-09-05
[86] 2017-05-17 (PCT/US2017/033185)
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[25] EN
[54] **ENHANCED HERBICIDAL COMPOSITIONS OF TRANSITION METAL CHELATES**
[54] **COMPOSITIONS HERBICIDES AMELIOREES DE CHELATES DE METAL DE TRANSITION**
[72] ARNDT, REINHARD, DE
[72] PROKOP, ANDREAS, DE
[72] PURITCH, GEORGE, CA
[72] ARACHCHIGE, CHANDANIE W., CA
[72] SAMARAJEEWA, DEEPAL, CA
[71] W. NEUDORFF GMBH KG, DE
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[54] **ANTI-MICA ANTIBODIES**
[54] **ANTICORPS ANTI-MICA**
[72] BLERY, MATHIEU, FR
[72] GAUTHIER, LAURENT, FR
[71] INNATE PHARMA, FR
[85] 2018-08-29
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[51] **Int.Cl. A24B 13/00 (2006.01) A24B 15/16 (2006.01)**
[25] EN
[54] **SMOKELESS ORAL TOBACCO PRODUCT AND PREPARATION THEREOF**
[54] **PRODUIT DE TABAC A USAGE ORAL SANS FUMEE ET SA PREPARATION**
[72] SOFFE, JOANNA DAWN, GB
[72] GUSTAFSON, JOHAN ROBERT, SE
[72] MOLA, MICHELE, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[71] FIEDLER & LUNDGREN AB, SE
[85] 2018-09-05
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[87] (WO2017/153718)
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[25] EN
[54] **DETECTION OF CELLS IN A LIQUID SAMPLE**
[54] **DETECTION DE CELLULES DANS UN ECHANTILLON LIQUIDE**
[72] EMOND, PIERRE LAURENT, US
[72] PERLMUTTER, NANCY GAIL, US
[72] KREIDER, JAMES WILLIS, US
[71] DELTA INSTRUMENTS B.V., NL
[85] 2018-09-05
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[25] EN
[54] **PROCESS FOR MANUFACTURING A MILK OF SLAKED LIME OF GREAT FINENESS AND MILK OF LIME OF GREAT FINENESS THEREBY OBTAINED WITH PROCESS WATER**
[54] **PROCEDE DE FABRICATION D'UN LAIT DE CHAUX ETEINTE DE GRANDE FINESSE ET LAIT DE CHAUX DE GRANDE FINESSE OBTENU PAR CE PROCEDE AVEC DE L'EAU DE TRAITEMENT**
[72] CRINIERE, GUILLAUME, BE
[72] GARTNER, ROBERT SEBASTIAN, BE
[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE
[85] 2018-09-05
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[25] EN
[54] **FLAVOR DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'AROME**
[72] CHANEY, MICHAEL, US
[72] UNGUREANU, IOANA MARIA, US
[71] GIVAUDAN SA, CH
[85] 2018-09-05
[86] 2017-03-13 (PCT/EP2017/055782)
[87] (WO2017/157823)
[30] US (62/308,108) 2016-03-14

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[51] **Int.Cl. A61L 27/58 (2006.01) A61F 2/04 (2013.01) A61L 31/04 (2006.01) C08G 64/18 (2006.01) C08G 69/44 (2006.01)**
[25] EN
[54] **BIOCOMPATIBLE IMPLANTS FOR NERVE RE-GENERATION AND METHODS OF USE THEREOF**
[54] **IMPLANTS BIOCOMPATIBLES POUR LA REGENERATION NERVEUSE ET LEURS PROCEDES D'UTILISATION**
[72] KOHN, JOACHIM B., US
[72] CLEMENTS, BASAK, US
[72] EZRA, MINDY, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2018-09-05
[86] 2016-04-15 (PCT/US2016/027858)
[87] (WO2016/168669)
[30] US (62/148,087) 2015-04-15

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[51] **Int.Cl. G06E 1/00 (2006.01)**
[25] EN
[54] **PERSONAL EMOTION-BASED COMPUTER READABLE COGNITIVE SENSORY MEMORY AND COGNITIVE INSIGHTS FOR ENHANCING MEMORIZATION AND DECISION MAKING**
[54] **MEMOIRE SENSORIELLE COGNITIVE LISIBLE PAR ORDINATEUR SUR LA BASE D'EMOTIONS PERSONNELLES ET INDICES COGNITIFS POUR L'AMELIORATION DE LA MEMORISATION ET DE LA PRISE DE DECISION**
[72] NGUYEN, PHU-VINH, VN
[71] FUVI COGNITIVE NETWORK CORP, US
[85] 2018-09-05
[86] 2016-05-25 (PCT/US2016/034043)
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[30] US (62/308,202) 2016-03-14
[30] US (15/156,883) 2016-05-17

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06F 9/44 (2018.01)**
[25] EN
[54] **CONCATENATED SHIPPING DOCUMENTATION PROCESSING SPAWNING INTELLIGENT GENERATION SUBPROCESSES**
[54] **TRAITEMENT DE DOCUMENTATION D'EXPEDITION CONCATENEE PRODUISANT DYNAMIQUEMENT DES SOUS-PROCESSUS DE GENERATION INTELLIGENTS**
[72] WIER, BYRON J., US
[71] AUCTANE, LLC., US
[85] 2018-09-05
[86] 2017-03-03 (PCT/US2017/020662)
[87] (WO2017/155813)
[30] US (15/064,218) 2016-03-08

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[51] **Int.Cl. C07D 237/02 (2006.01) A61K 31/501 (2006.01) C07D 253/06 (2006.01)**
[25] EN
[54] **PYRIMIDINES AND VARIANTS THEREOF, AND USES THEREFOR**
[54] **PYRIMIDINES ET VARIANTES DE CELLES-CI, ET LEURS UTILISATIONS**
[72] HAWLEY, RONALD CHARLES, US
[72] IBRAHIM, PRABHA, US
[72] FORD, ANTHONY P., US
[72] GEVER, JOEL R., US
[71] AFFERENT PHARMACEUTICALS INC., US
[85] 2018-09-05
[86] 2017-03-09 (PCT/US2017/021477)
[87] (WO2017/160569)
[30] US (62/308,157) 2016-03-14
[30] US (62/363,630) 2016-07-18

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[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **REVERSIBLE POLARITY MPO FIBER OPTIC CONNECTOR WITH A REMOVABLE KEY**
[54] **CONNECTEUR DE FIBRE OPTIQUE A POLARITE REVERSIBLE AVEC CLE AMOVIBLE**
[72] GOOD, PAUL MICHAEL, US
[71] NEXANS, FR
[85] 2018-09-05
[86] 2017-03-15 (PCT/IB2017/000391)
[87] (WO2017/158437)
[30] US (15/071,968) 2016-03-16

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[51] **Int.Cl. A61B 5/103 (2006.01) A61B 5/107 (2006.01)**
[25] EN
[54] **ELECTRONIC CALIPER FOR ASSESSING PATIENT BIOMECHANICS**
[54] **PIED A COULISSE ELECTRONIQUE POUR EVALUER LA BIOMECANIQUE D'UN PATIENT**
[72] KHAN, ASLAM, CA
[71] KHAN, ASLAM, CA
[71] COURNIERE, HENRI, CA
[85] 2018-05-28
[86] 2016-11-23 (PCT/CA2016/000291)
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[30] US (62/260,390) 2015-11-27

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[51] **Int.Cl. B03D 1/008 (2006.01) B03D 1/004 (2006.01) B03D 1/01 (2006.01) B03D 1/012 (2006.01)**
[25] EN
[54] **USE OF EMULSIFIER IN COLLECTOR COMPOSITION**
[54] **UTILISATION D'UN EMULSIFIANT DANS UNE COMPOSITION DE COLLECTEURS**
[72] NORDBERG, HENRIK, SE
[72] SMOLKO-SCHVARZMAYR, NATALIJA, SE
[72] SVENSSON, MAGNUS, SE
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2018-09-05
[86] 2017-03-20 (PCT/EP2017/056516)
[87] (WO2017/162563)
[30] EP (16161733.7) 2016-03-22

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[51] **Int.Cl. A61K 8/24 (2006.01) A61K 8/19 (2006.01) A61K 8/29 (2006.01) A61Q 17/04 (2006.01) C01B 25/32 (2006.01)**
[25] EN
[54] **PHYSICAL SOLAR FILTER CONSISTING OF SUBSTITUTED HYDROXYAPATITE IN AN ORGANIC MATRIX**
[54] **FILTRE SOLAIRE PHYSIQUE CONSTITUE D'HYDROXYAPATITE SUBSTITUEE DANS UNE MATRICE ORGANIQUE**
[72] TAMPIERI, ANNA, IT
[72] SANDRI, MONICA, IT
[72] SPRIO, SIMONE, IT
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[85] 2018-09-05
[86] 2017-03-06 (PCT/IB2017/051290)
[87] (WO2017/153888)
[30] IT (102016000023614) 2016-03-07

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[51] **Int.Cl. F02M 37/22 (2006.01) B01D 27/08 (2006.01) B01D 35/06 (2006.01) B03C 1/00 (2006.01) B03C 1/02 (2006.01) F02M 37/04 (2006.01)**
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[54] **UNIVERSAL INLINE FUEL PUMP**
[54] **POMPE A CARBURANT UNIVERSELLE EN LIGNE**
[72] WILLIAMS, STEVE, US
[71] K&N ENGINEERING, INC., US
[71] WILLIAMS, STEVE, US
[85] 2018-07-07
[86] 2017-03-08 (PCT/US2017/021261)
[87] (WO2017/156060)
[30] US (62/305,421) 2016-03-08
[30] US (15/452,599) 2017-03-07

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[51] **Int.Cl. A63B 21/02 (2006.01)**
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[54] **EXERCISE APPARATUS**
[54] **APPAREIL D'EXERCICE**
[72] ROBINSON, BRIAN K., CA
[71] 9614206 CANADA INC., CA
[85] 2018-09-05
[86] 2017-03-06 (PCT/CA2017/050300)
[87] (WO2017/152275)
[30] US (62/304,528) 2016-03-07

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[51] **Int.Cl. F03B 13/18 (2006.01)**
[25] EN
[54] **DEVICE FOR CONVERSION OF WAVE ENERGY INTO ELECTRICAL ENERGY AND THE PROCESS FOR ITS DEPLOYMENT AT THE EXPLOITATION LOCATION**
[54] **DISPOSITIF DE CONVERSION D'ENERGIE MAREMOTRICE EN ENERGIE ELECTRIQUE ET PROCEDE PERMETTANT SON DEPLOIEMENT SUR UN SITE D'EXPLOITATION**
[72] DRAGIC, MILE, RS
[71] DRAGIC, MILE, RS
[85] 2018-08-23
[86] 2017-04-05 (PCT/RS2017/000001)
[87] (WO2017/176142)
[30] RS (P-2016/0217) 2016-04-06

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[51] **Int.Cl. H01M 8/1286 (2016.01) H01M 8/0232 (2016.01) H01M 8/0273 (2016.01) H01M 8/0282 (2016.01) H01M 8/124 (2016.01) H01M 8/126 (2016.01)**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] BONE, ADAM, GB
[72] LEAH, ROBERT, GB
[72] MUKERJEE, SUBHASISH, GB
[72] RAHMAN, MAHFUJUR, GB
[72] SELCUK, AHMET, GB
[71] CERES INTELLECTUAL PROPERTY CO. LTD, GB
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[86] 2017-03-08 (PCT/GB2017/050622)
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[51] **Int.Cl. B01J 35/00 (2006.01) B01J 21/04 (2006.01) B01J 21/06 (2006.01) B01J 23/10 (2006.01) B01J 23/40 (2006.01) B01J 29/06 (2006.01) B01J 37/00 (2006.01) F01N 3/20 (2006.01)**
[25] EN
[54] **CORE/SHELL HYDROCARBON TRAP CATALYST AND METHOD OF MANUFACTURE**
[54] **CATALYSEUR DE PIEGEAGE D'HYDROCARBURES COEUR/ECORCE ET PROCEDE DE FABRICATION**
[72] DEEBA, MICHEL, US
[71] BASF CORPORATION, US
[85] 2018-09-05
[86] 2017-03-06 (PCT/IB2017/051298)
[87] (WO2017/153893)
[30] US (62/305,659) 2016-03-09

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[51] **Int.Cl. F24F 12/00 (2006.01) F24F 11/00 (2018.01) F24F 13/30 (2006.01) F28F 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING COOLING TO A HEAT LOAD**
[54] **SYSTEMES ET PROCEDES DESTINES A ASSURER LE REFROIDISSEMENT D'UNE CHARGE CALORIFIQUE**
[72] LEPOUDRE, PHILIP PAUL, CA
[72] GERBER, MANFRED, CA
[72] MOGHADDAM, DAVOOD GHADIRI, CA
[71] NORTEK AIR SOLUTIONS CANADA, INC., CA
[85] 2018-09-06
[86] 2017-02-14 (PCT/CA2017/050180)
[87] (WO2017/152268)
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[30] CA (PCT/CA2016/050507) 2016-05-02
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[25] EN
[54] **ANTISEPTIC AGENT COMPRISING MEGLUMINE OR SALT THEREOF**
[54] **AGENT ANTISEPTIQUE CONTENANT DE LA MEGLUMINE OU UN SEL CORRESPONDANT**
[72] FUJISAWA, TOYOMI, JP
[72] SAKANAKA, KOJI, JP
[72] UMEZAKI, SHINYA, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2018-09-05
[86] 2017-03-13 (PCT/JP2017/009875)
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[30] JP (2016-050091) 2016-03-14

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[51] **Int.Cl. A61K 31/4439 (2006.01) A61K 9/127 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR ADMINISTERING PPAR.GAMMA. AGONISTS, SURFACTANT PEPTIDES AND PHOSPHOLIPIDS**
[54] **COMPOSITIONS ET PROCEDES POUR L'ADMINISTRATION D'AGONISTES DE PPARV, PEPTIDES TENSIOACTIFS ET PHOPHOLIPIDES**
[72] REHAN, VIRENDER K., US
[72] TORDAY, JOHN S., US
[72] WALTHER, FRANS J., US
[72] WARING, ALAN J., US
[72] GORDON, LARRY M., US
[71] LOS ANGELES BIOMEDICAL RESEARCH INSTITUTE AT HARBOR-UCLA MEDICAL CENTER, US
[85] 2018-09-05
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[13] A1
[51] **Int.Cl. G01C 15/00 (2006.01) G01C 3/00 (2006.01) G01C 5/00 (2006.01) G01D 9/00 (2006.01)**
[25] EN
[54] **LASER LEVEL CHECKING**
[54] **VERIFICATION DE NIVEAU PAR LASER**
[72] EARLEY, ROSS, AU
[72] BYRON, JASON ANDREW, AU
[71] STAFF HOLDINGS PTY LTD, AU
[85] 2018-09-06
[86] 2017-03-08 (PCT/AU2017/050203)
[87] (WO2017/152227)
[30] AU (2016900859) 2016-03-08

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[21] **3,016,812**
[13] A1
[51] **Int.Cl. A01D 46/30 (2006.01)**
[25] EN
[54] **A ROBOTIC HARVESTER**
[54] **APPAREIL DE RECOLTE ROBOTISE**
[72] RUSSEL, RAY, US
[72] LEHNERT, CHRISTOPHER, AU
[71] QUEENSLAND UNIVERSITY OF TECHNOLOGY, AU
[85] 2018-09-06
[86] 2017-03-07 (PCT/AU2017/050199)
[87] (WO2017/152224)
[30] AU (2016900842) 2016-03-07

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[13] A1
[51] **Int.Cl. F16K 31/122 (2006.01) F02D 19/06 (2006.01) F02M 21/02 (2006.01) F02M 43/00 (2006.01) F23C 1/08 (2006.01) F23N 1/00 (2006.01) G05D 16/10 (2006.01)**
[25] EN
[54] **PRESSURE REGULATING MODULES WITH CONTROLLED LEAK PATHS**
[54] **MODULES DE REGULATION DE PRESSION AVEC TRAJECTOIRES DE FUITE CONTROLEES**
[72] MUMFORD, DAVID K., CA
[71] WESTPORT POWER INC., CA
[85] 2018-09-06
[86] 2017-03-07 (PCT/CA2017/050308)
[87] (WO2017/152280)
[30] US (62/304,892) 2016-03-07

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[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) C07K 14/605 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE CONJUGATES OF EXENATIDE ANALOGS**
[54] **CONJUGUES A LIBERATION PROLONGEE D'ANALOGUES D'EXENATIDE**
[72] SCHNEIDER, ERIC L., US
[72] HEARN, BRIAN, US
[72] HENISE, JEFFREY C., US
[72] ASHLEY, GARY W., US
[72] SANTI, DANIEL, V., US
[71] PROLYNX LLC, US
[85] 2018-09-05
[86] 2017-03-16 (PCT/US2017/022791)
[87] (WO2017/161174)
[30] US (62/309,330) 2016-03-16
[30] US (62/416,058) 2016-11-01

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[13] A1
[51] **Int.Cl. C07K 14/315 (2006.01) A61K 35/74 (2015.01) A61K 38/16 (2006.01) A61P 3/10 (2006.01) C07K 7/06 (2006.01) C12N 15/31 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **USE OF PNEUMOLYSIN PEPTIDES AS ANTAGONISTS AGAINST TOLL-LIKE RECEPTOR 4 AND METHODS OF TREATING TOLL-LIKE RECEPTOR 4 RELATED DISEASES**
[54] **UTILISATION DE PEPTIDES DE PNEUMOLYSINE EN TANT QU'ANTAGONISTES CONTRE LE RECEPTEUR 4 DE TYPE TOLL ET METHODES DE TRAITEMENT DES MALADIES LIEES AU RECEPTEURS 4 DE TYPE TOLL**
[72] CHONG, PELE CHOI-SING, CA
[72] SIU, LEUNG-KEI, TW
[72] CHANG, FENG-YEE, TW
[72] LENG, CHIH-HSIANG, TW
[71] KEMYTH BIOTECH CO., LTD., TW
[85] 2018-09-06
[86] 2017-02-24 (PCT/CA2017/050238)
[87] (WO2017/152270)
[30] US (62/305,164) 2016-03-08

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[13] A1
[51] **Int.Cl. G01G 13/00 (2006.01) G01G 13/02 (2006.01) G01G 13/24 (2006.01) G01G 13/285 (2006.01) G01G 17/00 (2006.01) G01G 17/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR METERING A SUBSTANCE**
[54] **DISPOSITIF SERVANT AU DOSAGE D'UNE SUBSTANCE**
[72] GUELLER, ROLF, CH
[72] CHAPPUIS, PASCAL, CH
[72] SCHINDLER, MARKUS, CH
[71] CHEMSPEED TECHNOLOGIES AG, CH
[85] 2018-09-06
[86] 2017-03-02 (PCT/CH2017/000020)
[87] (WO2017/152293)
[30] CH (287/16) 2016-03-07

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[21] **3,016,818**
[13] A1
[51] **Int.Cl. H01J 49/10 (2006.01)**
[25] EN
[54] **ION EXCITATION METHOD IN LINEAR ION TRAP**
[54] **PROCEDE D'EXCITATION D'IONS DANS UN PIEGE IONIQUE LINEAIRE**
[72] DANG, QIANKUN, CN
[72] XIE, XIAODONG, CN
[72] XU, FUXING, CN
[72] CHEN, YINJUAN, CN
[72] DING, CHUANFAN, CN
[71] FUDAN UNIVERSITY, CN
[85] 2018-09-06
[86] 2015-11-23 (PCT/CN2015/095259)
[87] (WO2016/141733)
[30] CN (201510099378.6) 2015-03-06

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[13] A1
[51] **Int.Cl. H01L 33/44 (2010.01)**
[25] EN
[54] **LED APPARATUS EMPLOYING NEODYMIUM BASED MATERIALS WITH VARIABLE CONTENT OF FLUORINE AND OXYGEN**
[54] **APPAREIL A DEL UTILISANT DES MATERIAUX A BASE DE NEODYME A TENEUR VARIABLE EN FLUOR ET EN OXYGENE**
[72] CAI, DENGKE, US
[72] BENNER, KEVIN JEFFREY, US
[72] BOYLE, THOMAS J., US
[72] CLYNNE, THOMAS, US
[72] COHEN, WILLIAM ERWIN, US
[72] DUCROUX, JEAN-PATRICK, US
[72] HE, JIANMIN, US
[72] JANSMA, JON BENNETT, US
[72] LIN, CHUAN, CN
[72] REISMAN, JULIANA P, US
[72] SRIVASTAVA, ALOK MANI, US
[72] WARD, BENJAMIN JAMES, US
[72] WANG, ZHIYONG, CN
[72] WRIGHT, WILLIAM ROBERT, US
[72] YI, QING, CN
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2018-09-06
[86] 2016-03-16 (PCT/CN2016/076459)
[87] (WO2017/156725)

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[13] A1
[51] **Int.Cl. F27B 1/02 (2006.01) C04B 2/12 (2006.01) F27B 1/04 (2006.01) F27B 1/24 (2006.01) F27B 1/26 (2006.01) F27B 1/28 (2006.01) F27D 19/00 (2006.01)**
[25] EN
[54] **SYSTEM HAVING A FURNACE AND METHOD FOR OPERATING SUCH A SYSTEM**
[54] **INSTALLATION DOTEE D'UN FOUR ET PROCEDE POUR FAIRE FONCTIONNER UNE TELLE INSTALLATION**
[72] PIRINGER, HANNES, CH
[72] BUCHER, PATRICK, CH
[71] MAERZ OFENBAU AG, CH
[71] THYSSENKRUPP AG, DE
[85] 2018-09-06
[86] 2017-03-03 (PCT/EP2017/054991)
[87] (WO2017/153267)
[30] DE (10 2016 104 076.2) 2016-03-07

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[21] **3,016,823**
[13] A1
[51] **Int.Cl. B66B 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR A ROBOT-ASSISTED ASSEMBLY OF A SUPPORTING STRUCTURE FOR A PASSENGER TRANSPORT SYSTEM**
[54] **PROCEDE DE REALISATION A ASSISTANCE ROBOTIQUE D'UNE OSSATURE D'UNE INSTALLATION DE TRANSPORT DE PERSONNES**
[72] GARTNER, MANFRED, AT
[72] SCHUTZ, RICHARD, AT
[72] KOUKAL, THOMAS, AT
[71] INVENTIO AG, CH
[85] 2018-09-06
[86] 2017-03-06 (PCT/EP2017/055168)
[87] (WO2017/153324)
[30] EP (16159642.4) 2016-03-10

[21] **3,016,824**
[13] A1
[51] **Int.Cl. G01M 13/04 (2006.01) F16C 19/52 (2006.01) G01P 3/44 (2006.01)**
[25] EN
[54] **METHOD TO MONITOR A THRUST LOAD ON A ROLLING BEARING AND MACHINERY EQUIPPED WITH A SYSTEM TO MONITOR SAID THRUST LOAD**
[54] **PROCEDE DE SURVEILLANCE DE CHARGE DE POUSSEE SUR UN ROULEMENT ET MACHINE EQUIPEE D'UN SYSTEME POUR SURVEILLER LADITE CHARGE DE POUSSEE**
[72] SEPE, MARZIA, IT
[72] CIONCOLINI, STEFANO, IT
[72] GARBIN, RICCARDO, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
[85] 2018-09-06
[86] 2017-03-20 (PCT/EP2017/056497)
[87] (WO2017/162551)
[30] IT (102016000029356) 2016-03-21

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **SALT OF PYRIDINYL AMINO PYRIMIDINE DERIVATIVE, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF**
[54] **SEL DE DERIVE DE PYRIDINYL AMINO PYRIMIDINE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
[72] LUO, HUIBING, CN
[72] ZHOU, HUAYONG, CN
[71] SHANGHAI ALLIST PHARMACEUTICALS, INC., CN
[85] 2018-09-06
[86] 2017-03-01 (PCT/CN2017/000202)
[87] (WO2017/152706)
[30] CN (201610126987.0) 2016-03-07

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[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01) B25J 9/08 (2006.01)**
[25] EN
[54] **MODULAR MANUFACTURING OF A ROBOT**
[54] **FABRICATION MODULAIRE D'UN ROBOT**
[72] SMAL, LUDOVIC, FR
[72] SERRE, JULIEN, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2018-09-06
[86] 2017-03-07 (PCT/EP2017/055282)
[87] (WO2017/153383)
[30] EP (16305254.1) 2016-03-07

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[21] **3,016,828**
[13] A1
[51] **Int.Cl. B66B 23/00 (2006.01)**
[25] EN
[54] **DEVICE FOR THE ROBOT-ASSISTED MANUFACTURING OF A SUPPORTING STRUCTURE FOR A PASSENGER TRANSPORT SYSTEM**
[54] **DISPOSITIF DE REALISATION A ASSISTANCE ROBOTIQUE D'UNE OSSATURE D'UNE INSTALLATION DE TRANSPORT DE PERSONNES**
[72] GARTNER, MANFRED, AT
[72] SCHUTZ, RICHARD, AT
[72] KOUKAL, THOMAS, AT
[71] INVENTIO AG, CH
[85] 2018-09-06
[86] 2017-03-06 (PCT/EP2017/055144)
[87] (WO2017/153314)
[30] EP (16159640.8) 2016-03-10

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[13] A1
[51] **Int.Cl. F04D 1/06 (2006.01) F04D 17/12 (2006.01) F04D 29/44 (2006.01) F04D 29/46 (2006.01) F04D 29/62 (2006.01)**
[25] EN
[54] **CENTRIFUGAL COMPRESSOR WITH LEAKAGE-FREE DIFFUSER BLADES AND METHOD OF ASSEMBLING A CENTRIFUGAL COMPRESSOR**
[54] **COMPRESSEUR CENTRIFUGE AVEC PALES DE DIFFUSEUR SANS FUITE ET PROCEDE D'ASSEMBLAGE DE COMPRESSEUR CENTRIFUGE**
[72] PANARA, DANIELE, IT
[72] RIZZO, EMANUELE, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
[85] 2018-09-06
[86] 2017-03-20 (PCT/EP2017/056499)
[87] (WO2017/162553)
[30] IT (102016000029251) 2016-03-21

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF MESYLATE SALT OF PYRIDINYL AMINO PYRIMIDINE DERIVATIVE, PREPARATION METHODS THEREFOR, AND APPLICATIONS THEREOF**
[54] **FORMES CRISTALLINES DE SEL DE MESYLATE DE DERIVE DE PYRIDINYL-AMINOPYRIMIDINE, PROCEDES DE PREPARATION ET APPLICATIONS ASSOCIES**
[72] LUO, HUIBING, CN
[72] ZHANG, QIANG, CN
[71] SHANGHAI ALLIST PHARMACEUTICALS, INC., CN
[85] 2018-09-06
[86] 2017-03-01 (PCT/CN2017/000203)
[87] (WO2017/152707)
[30] CN (201610127022.3) 2016-03-07

[21] **3,016,832**
[13] A1
[51] **Int.Cl. B65H 18/10 (2006.01) B65H 18/22 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR WINDING A WEB OF PAPER MATERIAL AND A METHOD OF REMOVING DUST**
[54] **APPAREIL D'ENROULEMENT D'UNE BANDE DE MATERIAU EN PAPIER ET PROCEDE D'ELIMINATION DE POUSSIERE**
[72] MALMQVIST, PER-OLOF, SE
[72] CANDUTTI, MASSIMILIANO, IT
[72] CARLSSON, TOMAS, SE
[71] VALMET AKTIEBOLAG, SE
[85] 2018-09-06
[86] 2017-02-27 (PCT/EP2017/054449)
[87] (WO2017/190864)
[30] SE (1650602-4) 2016-05-04

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[13] A1
[51] **Int.Cl. G01F 23/00 (2006.01) B67D 7/30 (2010.01) B64D 37/14 (2006.01) B64F 1/28 (2006.01)**
[25] EN
[54] **FUELLING METHOD**
[54] **PROCEDE D'ALIMENTATION EN CARBURANT**
[72] MATTOS, ALEXANDER, GB
[72] UHRMACHER, STEVEN, GB
[72] HOLMES, ROBERT, GB
[71] I6 GROUP LIMITED, GB
[85] 2018-09-06
[86] 2016-11-21 (PCT/GB2016/053618)
[87] (WO2017/153704)
[30] GB (1604094.1) 2016-03-10

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[13] A1
[51] **Int.Cl. G02B 21/24 (2006.01) B01L 9/00 (2006.01) G02B 21/34 (2006.01)**
[25] EN
[54] **DEVICE FOR INSERTING INTO AN IMAGING SYSTEM**
[54] **DISPOSITIF DESTINE A ETRE UTILISE DANS UN SYSTEME D'IMAGERIE**
[72] BORNMANN, GERD, DE
[72] EBERHARDT, JENS, DE
[71] ALS AUTOMATED LAB SOLUTIONS GMBH, DE
[85] 2018-09-06
[86] 2017-03-07 (PCT/DE2017/100179)
[87] (WO2017/157382)
[30] DE (10 2016 104 808.9) 2016-03-15

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[13] A1
[51] **Int.Cl. B32B 1/08 (2006.01) B32B 3/30 (2006.01) B32B 5/02 (2006.01) B32B 5/26 (2006.01) B32B 15/02 (2006.01) B32B 15/08 (2006.01) B32B 15/088 (2006.01) B32B 15/18 (2006.01) B32B 17/02 (2006.01) B32B 25/04 (2006.01) B32B 25/10 (2006.01) B32B 27/06 (2006.01) B32B 27/12 (2006.01) B32B 27/32 (2006.01) F16L 11/00 (2006.01)**
[25] EN
[54] **FIRE RESISTANT FLEXIBLE HOSE**
[54] **TUYAU SOUPLE RESISTANT AU FEU**
[72] HUDSON, JEREMY, GB
[71] AFLEX HOSE LIMITED, US
[85] 2018-09-06
[86] 2017-02-20 (PCT/GB2017/050430)
[87] (WO2017/158316)
[30] GB (1604356.4) 2016-03-15

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[21] **3,016,837**
[13] A1
[51] **Int.Cl. G10L 19/005 (2013.01)**
[25] EN
[54] **HYBRID CONCEALMENT METHOD: COMBINATION OF FREQUENCY AND TIME DOMAIN PACKET LOSS CONCEALMENT IN AUDIO CODECS**
[54] **PROCEDE DE DISSIMULATION HYBRIDE : COMBINAISON DE DISSIMULATION DE PERTE DE PAQUET DU DOMAINE FREQUENTIEL ET TEMPOREL DANS DES CODECS AUDIO**
[72] LECOMTE, JEREMIE, DE
[72] TOMASEK, ADRIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-09-06
[86] 2016-05-25 (PCT/EP2016/061865)
[87] (WO2017/153006)
[30] EP (16159031.0) 2016-03-07

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[13] A1
[51] **Int.Cl. A61B 5/097 (2006.01)**
[25] EN
[54] **EXHALED BREATH CONDENSATE COLLECTION DEVICE AND A KIT OF PARTS THEREFOR**
[54] **DISPOSITIF DE COLLECTE DE CONDENSAT D'AIR EXPIRE ET SON KIT DE PIECES**
[72] MOSCHOS, STERGHIOS A., GB
[72] KALE, IZZET, GB
[71] UNIVERSITY OF NORTHUMBRIA AT NEWCASTLE, GB
[85] 2018-09-06
[86] 2017-03-08 (PCT/GB2017/050627)
[87] (WO2017/153755)
[30] GB (1604011.5) 2016-03-08

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[13] A1
[51] **Int.Cl. G06T 17/00 (2006.01) G06T 17/20 (2006.01) G09B 23/28 (2006.01)**
[25] EN
[54] **MODEL GENERATION FOR DENTAL SIMULATION**
[54] **GENERATION DE MODELE DE SIMULATION DENTAIRE**
[72] VAN DEN BRABER, NIELS, NL
[72] DE GREEF, MARK, NL
[71] MOOG BV, NL
[85] 2018-09-06
[86] 2017-03-02 (PCT/EP2017/054959)
[87] (WO2017/153259)
[30] GB (1604155.0) 2016-03-10

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) B01L 7/00 (2006.01) A01N 1/02 (2006.01) A61M 1/02 (2006.01)**
[25] EN
[54] **A DEVICE AND METHOD FOR HEATING OR COOLING A SAMPLE**
[54] **DISPOSITIF ET PROCEDE DE CHAUFFAGE/REFROIDISSEMENT D'ECHANTILLON**
[72] MILNE, STUART, GB
[72] NANCEKIEVILL, ALEX, GB
[72] CREASEY, CHRISTOPHER, GB
[72] LAMB, STEPHEN, GB
[72] RUTLEDGE, RUPERT, GB
[71] CELL THERAPY CATAPULT LIMITED, GB
[85] 2018-09-06
[86] 2017-03-09 (PCT/GB2017/050634)
[87] (WO2017/153761)
[30] GB (1604062.8) 2016-03-09

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[13] A1
[51] **Int.Cl. B01D 43/00 (2006.01) B01D 21/28 (2006.01) B01D 21/34 (2006.01) B01D 49/00 (2006.01) B01D 51/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING AND/OR CLEANING AEROSOLS AND SOLID MATERIAL PARTICLES AND FIBERS FROM GASES AS WELL AS SOLID MATERIAL PARTICLES AND FIBERS FROM LIQUID MATERIALS BY ACOUSTOPHORESIS**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION ET/OU DE NETTOYAGE D'AEROSOLS ET DE PARTICULES ET DE FIBRES SOLIDES DE GAZ, AINSI QUE DE PARTICULES ET DE FIBRES SOLIDES DE FLUIDES PAR ACOUSTOPHORESE**
[72] LUTHE, GREGOR, DE
[72] GAUSLING, LUDGER, DE
[72] TEN THIJE, NIELS, NL
[71] WINDPLUSSONNE GMBH, DE
[85] 2018-09-06
[86] 2017-03-05 (PCT/EP2017/000285)
[87] (WO2017/153038)
[30] DE (10 2016 002 599.9) 2016-03-06
[30] DE (10 2016 002 600.6) 2016-03-06

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[13] A1
[51] **Int.Cl. B66B 19/00 (2006.01)**
[25] EN
[54] **METHOD AND MOUNTING DEVICE FOR CARRYING OUT AN INSTALLATION OPERATION IN A LIFT SHAFT OF A LIFT SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE MONTAGE POUR METTRE EN OEUVRE UN PROCESSUS D'INSTALLATION DANS UNE CAGE D'ASCENSEUR D'UNE INSTALLATION D'ASCENSEUR**
[72] CAMBRUZZI, ANDREA, CH
[72] ZIMMERLI, PHILIPP, CH
[72] BITZI, RAPHAEL, CH
[72] BUTLER, ERICH, CH
[71] INVENTIO AG, CH
[85] 2018-09-06
[86] 2017-03-28 (PCT/EP2017/057259)
[87] (WO2017/167719)
[30] EP (16163399.5) 2016-03-31

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[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01)**
[25] EN
[54] **DATA COMMUNICATION BUS FOR A ROBOT**
[54] **BUS DE COMMUNICATION DE DONNEES POUR UN ROBOT**
[72] SMAL, LUDOVIC, FR
[72] SERRE, JULIEN, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2018-09-06
[86] 2017-03-07 (PCT/EP2017/055284)
[87] (WO2017/153384)
[30] EP (16305255.8) 2016-03-07

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[13] A1
[51] **Int.Cl. C02F 1/467 (2006.01) A01K 63/04 (2006.01) C02F 1/58 (2006.01)**
[25] EN
[54] **DISINFECTION AND REMOVAL OF NITROGEN SPECIES FROM SALINE AQUACULTURE SYSTEMS**
[54] **DESINFECTION ET ELIMINATION D'ESPECES AZOTEES DE SYSTEMES D'AQUACULTURE SALINE**
[72] LAHAV, ORI, IL
[72] BEN-ASHER, RAZ, IL
[72] GENDEL, YOURI, IL
[72] BIRNHACK, LIAT, IL
[71] TECHNION RESEARCH & DEVELOPMENT FOUNDATION LIMITED, IL
[85] 2018-09-06
[86] 2017-03-08 (PCT/IL2017/050281)
[87] (WO2017/153986)
[30] US (62/304,985) 2016-03-08

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[13] A1
[51] **Int.Cl. A61L 24/00 (2006.01)**
[25] EN
[54] **SKIN COMPATIBLE COMPOSITION**
[54] **COMPOSITION COMPATIBLE AVEC LA PEAU**
[72] PEARCE, LLOYD, GB
[72] LEE, STEWART, GB
[71] TRIO HEALTHCARE LIMITED, GB
[85] 2018-09-06
[86] 2017-03-14 (PCT/GB2017/050690)
[87] (WO2017/158340)
[30] GB (1604308.5) 2016-03-14
[30] GB (1703038.8) 2017-02-24

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[13] A1
[51] **Int.Cl. A01G 23/099 (2006.01)**
[25] EN
[54] **IMPROVED TREE FELLING WEDGE GIVING TREE FELLING ALERT**
[54] **COIN D'ABATTAGE D'ARBRE AMELIORE PRODUISANT UNE ALERTE D'ABATTAGE D'ARBRE**
[72] KARLSSON, MATTIAS, SE
[71] HUSQVARNA AB, SE
[85] 2018-09-06
[86] 2017-03-29 (PCT/EP2017/057364)
[87] (WO2017/167781)
[30] SE (1650421-9) 2016-03-31

[21] **3,016,847**
[13] A1
[51] **Int.Cl. B01D 15/26 (2006.01) B01J 20/282 (2006.01) C07K 1/16 (2006.01) C07K 1/20 (2006.01) C07K 1/22 (2006.01) C07K 1/36 (2006.01)**
[25] EN
[54] **METHOD FOR PROTEIN PURIFICATION**
[54] **PROCEDE DE PURIFICATION DE PROTEINES**
[72] JONES, RICHARD, GB
[72] SYMMONS, JONATHAN, GB
[72] HOCKING, SASKIA, GB
[71] UCB BIOPHARMA SPRL, BE
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[51] **Int.Cl. H04W 28/18 (2009.01) H04W 28/24 (2009.01) G10L 19/00 (2013.01)**
[25] EN
[54] **USER EQUIPMENT, BASE STATION AND CODEC MODE SWITCHING METHOD**
[54] **EQUIPEMENT UTILISATEUR, STATION DE BASE ET PROCEDE DE COMMUTATION DE MODE CODEUR-DECODEUR**
[72] HORI, TAKAKO, JP
[72] BASU MALLICK, PRATEEK, DE
[72] SUZUKI, HIDETOSHI, JP
[72] HORIUCHI, AYAKO, JP
[72] LOEHR, JOACHIM, DE
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[86] 2017-02-02 (PCT/JP2017/003779)
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[25] EN
[54] **CD20 BINDING SINGLE DOMAIN ANTIBODIES**
[54] **ANTICORPS A DOMAINE UNIQUE DE LIAISON A CD20**
[72] TAVERNIER, JAN, BE
[72] CAUWELS, ANJE, BE
[72] VAN DER HEYDEN, JOSE, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
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[54] **WATER-BASED COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT A BASE D'EAU**
[72] HASEGAWA, YOSUKE, JP
[72] KITAGAWA, HIROSHI, JP
[72] HIRAI, KATSUNORI, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2018-09-06
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[25] EN
[54] **SOLID DOSAGE FORMS OF VIGABATRIN**
[54] **FORMES GALENIQUES SOLIDES DE VIGABATRINE**
[72] UZARAMA, CHARLES, CA
[72] GOSSELIN, PATRICK, CA
[72] FLAMENT, MARIE-PIERRE, FR
[71] ORPHELIA PHARMA, FR
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[25] EN
[54] **A MAZINDOL IR/SR MULTILAYER TABLET AND ITS USE FOR THE TREATMENT OF ATTENTION DEFICIT/HYPERACTIVITY DISORDER (ADHD)**
[54] **COMPRIME MULTICOUCHE DE MAZINDOL A LIBERATION IMMEDIATE/LIBERATION PROLONGEE POUR LE TRAITEMENT DU TROUBLE DEFICITAIRE DE L'ATTENTION AVEC HYPERACTIVITE (TDAH)**
[72] ZWYER, ALEXANDER C., CH
[72] AMSEL, LEWIS P., US
[72] SCHMITH, VIRGINIA, US
[72] BRANTLEY, SCOTT, US
[71] NLS-1 PHARMA AG, CH
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[25] EN
[54] **MOVEMENT TRACKING AND SIMULATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE CAPTURE ET DE SIMULATION DE MOUVEMENT**
[72] BIEMANS, WOUTER, NL
[72] BODE, DYON, NL
[72] STEITNER, LUUK, NL
[71] MOOG BV, NL
[85] 2018-09-06
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[25] EN
[54] **METHOD AND MECHANISM FOR OPENING AND CLOSING MOULDS FOR A MACHINE FOR FORMING GLASS ITEMS**
[54] **SYSTEME ET PROCEDE D'OUVERTURE ET DE FERMETURE DE MOULES POUR UNE MACHINE DE FORMAGE D'ARTICLES EN VERRE**
[72] TIJERINA RAMOS, VICTOR, MX
[71] VITRO, S.A.B. DE C.V., MX
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[25] EN
[54] **DEVICE FOR TRANSFORMING KINETIC ENERGY OF WATER FLOWING IN A HORIZONTAL DIRECTION INTO ANOTHER KIND OF ENERGY**
[54] **DISPOSITIF PERMETTANT DE TRANSFORMER L'ENERGIE CINETIQUE D'EAU S'ECOULANT HORIZONTALEMENT EN UN AUTRE TYPE D'ENERGIE**
[72] DE HAAS, PIETER, NL
[71] TOCARDO TIDAL POWER B.V., NL
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[54] **FIBRE DE GAZON ARTIFICIEL COMPORTANT DU LLDPE ET DU LDPE**
[72] SICK, STEPHAN, DE
[72] SANDER, DIRK, DE
[72] JANSEN, BERND, DE
[71] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE
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[54] **LINER FOR IMPACT RESISTANT GRP PIPES**
[54] **REVETEMENT POUR TUYAUX EN GRP RESISTANTS AUX IMPACTS**
[72] HAAVALDSEN, JANE HILARY THATCHER, NO
[72] SYVERSEN, KJELL TONY HOEN, NO
[71] AMIBLU TECHNOLOGY AS, NO
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[54] **TOKENIZATION OF CO-NETWORK ACCOUNTS**
[54] **TOKENISATION DE COMPTES DE RESEAUX COORDONNES**
[72] WONG, ERICK, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM**
[54] **CARTOUCHE POUR SYSTEME DE GENERATION D'AEROSOL**
[72] SILVESTRINI, PATRICK CHARLES, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-09-06
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[54] **DRUG DELIVERY PARTICLES**
[54] **PARTICULES DESTINEES A L'ADMINISTRATION DE MEDICAMENT**
[72] ELOUAHABI, ABDELATIF A., BE
[72] POHLHAUS, PATRICK, US
[72] STRODIOT, LAURENT BERNARD JEAN, BE
[72] GALLOWAY, ASHLEY, US
[72] LEE, JIN, US
[72] STONE, MICHELE R., US
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[71] LIQUIDIA TECHNOLOGIES, INC., US
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[51] **Int.Cl. G01V 1/28 (2006.01) G01V 3/18 (2006.01)**
[25] EN
[54] **FRACTURE AND STRESS CHARACTERIZATION USING LAYER THICKNESS VARIATION**
[54] **CARACTERISATION DE FRACTURE ET DE CONTRAINTE A L'AIDE D'UNE VARIATION D'EPAISSEUR DE COUCHE**
[72] EFTEKHARI FAR, MEHDI, US
[72] MEKIC, NATASA, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **DOWNHOLE SLIP APPARATUS FOR BOREHOLES OF SMALLER AND OF LARGER DIAMETER**
[54] **APPAREIL DE COIN DE RETENUE DE FOND DE TROU POUR TROUS DE FORAGE DE DIAMETRES PLUS GRAND ET PLUS PETIT**
[72] PORTA, SANTIAGO GALVEZ, GB
[72] REID, STEPHEN, GB
[72] EGLETON, PHILIP C.G., GB
[71] WEATHERFORD U.K. LIMITED, GB
[85] 2018-09-06
[86] 2017-03-14 (PCT/GB2017/050698)
[87] (WO2017/158347)
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[25] EN
[54] **DENTAL SIMULATION MACHINE**
[54] **MACHINE DE SIMULATION DENTAIRE**
[72] BODE, DYON, NL
[71] MOOG BV, NL
[85] 2018-09-06
[86] 2017-03-09 (PCT/EP2017/055615)
[87] (WO2017/153551)
[30] GB (1604115.4) 2016-03-10
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[30] EP (PCT/EP2017/054959) 2017-03-02
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[25] EN
[54] **GEOLOCATION ON A SINGLE PLATFORM HAVING FLEXIBLE PORTIONS**
[54] **GEOLOCALISATION SUR UNE PLATEFORME UNIQUE AYANT DES PARTIES FLEXIBLES**
[72] YOON, ALBERT, US
[72] HO, PHUOC T., US
[72] TSUNODA, STANLEY I., US
[71] RAYTHEON COMPANY, US
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[86] 2016-10-06 (PCT/US2016/055742)
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[25] EN
[54] **METHODS OF FORMING IONICALLY CROSS-LINKED GELS**
[54] **PROCEDES DE FORMATION DE GELS RETICULES IONIQUEMENT**
[72] BASSETT, DAVID CHARLES, GB
[72] HATI, ARMEND GAZMENO, NO
[71] NORDOVO BIOSCIENCES AS, NO
[85] 2018-09-06
[86] 2017-03-09 (PCT/IB2017/051394)
[87] (WO2017/153947)
[30] GB (1604076.8) 2016-03-09

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[25] EN
[54] **METHODS AND SYSTEMS FOR MONITORING HEALTH OF A COMBUSTOR**
[54] **PROCEDES ET SYSTEMES POUR SURVEILLER LA SANTE D'UNE CHAMBRE DE COMBUSTION**
[72] BHATTACHARYA, ANINDA, US
[72] YOGANATHA BABU, RAVI, US
[72] DHANASEKARAN, KESAVAN, US
[72] GARBIN, RICCARDO, US
[72] SEPE, MARZIA, US
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
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[54] **HUMAN CYTOMEGALOVIRUS GB POLYPEPTIDE**
[54] **POLYPEPTIDE GB DE CYTOMEGALOVIRUS HUMAIN**
[72] CHI, XIAOYUAN SHERRY, US
[72] YANG, XINZHEN, US
[71] PFIZER INC., US
[85] 2018-09-06
[86] 2017-03-09 (PCT/IB2017/051401)
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[25] EN
[54] **PROCESS FOR PRODUCTION OF FILM COMPRISING MICROFIBRILLATED CELLULOSE**
[54] **PROCESSUS POUR LA PRODUCTION D'UN FILM COMPRENANT DE LA CELLULOSE MICROFIBRILLEE**
[72] BACKFOLK, KAJ, FI
[72] HEISKANEN, ISTO, FI
[72] SAUKKONEN, ESA, FI
[72] LYYTIKAINEN, KATJA, FI
[71] STORA ENSO OYJ, FI
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[25] EN
[54] **PLASTIC FOOTWEAR WITH INNER LINER AND OUTER LINER OF WOVEN OR NON WOVEN FABRIC**
[54] **BOTTE PLASTIQUE A DOUBLURES INTERIEURE ET EXTERIEURE EN TOILE ET PROCEDE POUR SA FABRICATION**
[72] URTAZA GUERRA, JUAN ANTONIO, MX
[71] URTAZA GUERRA, JUAN ANTONIO, MX
[85] 2018-09-06
[86] 2017-04-28 (PCT/MX2017/000052)
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[30] MX (MX/a/2016/005649) 2016-04-29

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[54] **ANTI-TNF.ALPHA.-ANTIBODIES AND FUNCTIONAL FRAGMENTS THEREOF**
[54] **ANTICORPS ANTI-TNF.ALPHA. ET FRAGMENTS FONCTIONNELS DE CEUX-CI**
[72] GUNDE, TEA, CH
[72] MEYER, SEBASTIAN, CH
[71] NUMAB INNOVATION AG, CH
[85] 2018-09-06
[86] 2017-03-16 (PCT/EP2017/056254)
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[25] EN
[54] **A CLOSED SYSTEM FOR LABELLING AND SELECTING LIVE CELLS**
[54] **SYSTEME FERME POUR LE MARQUAGE ET LA SELECTION DE CELLULES VIVANTES**
[72] SMITH, DAVID, US
[72] CHAN, WAI SHUN, US
[72] HAMPSON, BRIAN, US
[72] PRETI, ROBERT, US
[72] JIANG, YAJUAN, US
[72] LEBLON, COURTNEY, US
[71] HITACHI CHEMICAL ADVANCED THERAPEUTICS SOLUTIONS, LLC, US
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[25] EN
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[54] **SYSTEME DE FOND DE TROU SANS FIL POUR AGENCEMENTS DE CREUSEMENT DE TUNNELS**
[72] WATKINS, THOMAS J., CA
[72] LIVESCU, SILVIU, CA
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-09-06
[86] 2017-02-22 (PCT/US2017/018932)
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[30] US (62/305,589) 2016-03-09

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[25] FR
[54] **USE OF AN H4 AGONIST MOLECULE FOR THE TREATMENT OF IDIOPATHIC PULMONARY FIBROSIS**
[54] **UTILISATION D'UNE MOLECULE H4 AGONISTE POUR LE TRAITEMENT DE LA FIBROSE PULMONAIRE IDIOPATHIQUE**
[72] TERRASSE, GAETAN, FR
[72] BUR, CATHERINE, FR
[71] H4 ORPHAN PHARMA, FR
[85] 2018-09-06
[86] 2017-03-17 (PCT/EP2017/056434)
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[30] FR (1652332) 2016-03-18
[30] US (62/310,033) 2016-03-18

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[51] **Int.Cl. B65B 25/14 (2006.01) B65B 43/08 (2006.01) B65B 63/02 (2006.01)**
[25] EN
[54] **A BAG FOR SHIPPING A CUSHION AND RELATED METHODS**
[54] **SAC POUR L'EXPEDITION D'UN COUSSIN ET PROCEDES ASSOCIES**
[72] PEARCE, TONY M., US
[71] PURPLE INNOVATION, LLC, US
[85] 2018-09-06
[86] 2017-03-03 (PCT/US2017/020788)
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[30] US (15/063,114) 2016-03-07

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[25] EN
[54] **TREATMENT OF AUTOIMMUNE DISEASES WITH COMBINATIONS OF RXR AGONISTS AND THYROID HORMONES**
[54] **TRAITEMENT DE MALADIES AUTO-IMMUNES A L'AIDE DE COMBINAISONS D'AGONISTES DE RXR ET D'HORMONES THYROIDIENNES**
[72] CHANDRARATNA, ROSHANTHA A., US
[72] SANDERS, MARTIN E., US
[71] IO THERAPEUTICS, INC., US
[85] 2018-09-06
[86] 2016-10-31 (PCT/US2016/059772)
[87] (WO2017/155577)
[30] US (62/306,479) 2016-03-10

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[25] EN
[54] **INTELLIGENT SAFETY MONITORING AND ANALYTICS SYSTEM FOR PERSONAL PROTECTIVE EQUIPMENT**
[54] **CONTROLE DE SECURITE INTELLIGENT ET SYSTEME D'ANALYTIQUE DESTINES A UN EQUIPEMENT DE PROTECTION INDIVIDUELLE**
[72] KANUKURTHY, KIRAN S., US
[72] DIGRE, STEVEN R., US
[72] HOLLOWAY, DARCEY L., US
[72] LOBNER, ERIC C., US
[72] MADISON, TED K., US
[72] SAVOIE, PHILIP J., US
[72] SMITH, PAGEEN S., US
[72] WELLS, LAURAINE L., US
[72] WURM, MICHAEL G., US
[72] FACKLER, CAMERON J., US
[72] BROWN, JAMES D., US
[72] BLACKFORD, MATTHEW J., US
[72] AWISZUS, STEVEN T., US
[72] BERGER, ELLIOTT H., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2018-09-06
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[25] EN
[54] **TREATMENT OF MUSCULAR DISORDERS WITH COMBINATIONS OF RXR AGONISTS AND THYROID HORMONES**
[54] **TRAITEMENT DE TROUBLES MUSCULAIRES AVEC DES COMBINAISONS D'AGONISTES DE RXR ET D'HORMONES THYROIDIENNES**
[72] CHANDRARATNA, ROSHANTHA A., US
[72] SANDERS, MARTIN E., US
[71] IO THERAPEUTICS, INC., US
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[86] 2016-10-31 (PCT/US2016/059775)
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[72] AMBLARD, FRANCK, US
[72] SARI, OZKAN, US
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[54] **COMPOSITIONS ET METHODES POUR TRAITER LA POLYARTHRITE RHUMATOIDE**
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[72] BODDY, ALEXANDER, US
[72] GRAHAM, NEIL, US
[72] LIN, YONG, US
[72] PARRINO, JANIE, US
[72] PATEL, RAHUL, US
[72] VAN ADELSBERG, JANET, US
[72] VAN HOOGSTRATEN, HUBERT, US
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[54] **SYSTEMES ET PROCEDES DE PRESENTATION DE CONTENU**
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[72] SUTTON, CHARLES MATTHEW, US
[72] ROVIRA, JAIME LEONARDO, US
[72] HU, ANNING, US
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[54] **STRUCTURES DE FOND DE TROU DEFORMABLES COMPRENANT DES MATERIAUX EN NANOTUBES DE CARBONE ET PROCEDES DE FORMATION ET D'UTILISATION DE TELLES STRUCTURES**
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[72] MURUGESAN, SANKARAN, US
[72] KHABASHESKU, VALERY N., US
[72] VENTURA, DARRYL N., US
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[71] WINSTON PRODUCTS, LLC, US
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[54] **SYSTEME ET PROCEDE UTILISANT UN TRAITEMENT DE DISPOSITIF A TEMPS REDUIT**
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[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[72] CHAHAL, GURINDERBIR S., US
[72] D'AMICO, FRANK J., US
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[54] **SYSTEMES ET PROCEDES DE CONNEXION DYNAMIQUE D'ELEMENTS DE RESEAU POUR PERMETTRE UN SERVICE**
[72] WANG, JIN-GEN, US
[72] NYHUS, MICHAEL, US
[72] TYSTAD, CRAIG, US
[72] ADKINS, JAMES M., III, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **MINI-ISOLATEUR**
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[54] **PROCEDES DE MESURE DE RENDEMENT D'UNIFORMITE DE TENEUR DE DOSE D'UN INHALATEUR ET DE DISPOSITIFS NASAUX**
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[72] PITLUK, ZACHARY, US
[71] PROVERIS SCIENTIFIC CORPORATION, US
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[54] **METHOD AND SYSTEM FOR CHARACTERIZING MOUTH-ASSOCIATED CONDITIONS**
[54] **PROCEDE ET SYSTEME DE CARACTERISATION D'ETATS PATHOLOGIQUES ASSOCIES A LA BOUCHE**
[72] APTE, ZACHARY, US
[72] VALDIVIA, CATALINA, US
[72] ALMONACID, DANIEL, US
[72] RICHMAN, JESSICA, US
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[54] **PROCEDES ET COMPOSITIONS POUR AMELIORER LA PERTE DE POIDS ET LA SANTE CARDIOMETABOLIQUE AU-DELA D'UN REGIME ET D'UN EXERCICE PHYSIQUE**
[72] TRIPP, MATTHEW L., US
[72] DAHLBERG, CLINTON J., US
[72] BABISH, JOHN G., US
[72] LAMB, JOSEPH, US
[72] OU, JOSEPH J., US
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[72] MONTGOMERY, DAVID, US
[71] WAKE FOREST UNIVERSITY, US
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[54] **ANTICORPS ANTI-GITR, METHODES ET UTILISATIONS**
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[72] KEHOE, JOHN, US
[72] SNYDER, LINDA, US
[72] SEPULVEDA, ALEJANDRO, US
[72] VILLAREAL, DANIEL, US
[71] JANSSEN BIOTECH, INC., US
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[54] **BIOPSIE DE LIQUIDE PROSTATIQUE POUR LA DETECTION DU CANCER DE LA PROSTATE ET DE L'HYPERPLASIE BENIGNE DE LA PROSTATE**
[72] FEISTEL, CHRISTOPHER, US
[71] WAVESENSE, INC., US
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[54] **APPAREIL, SYSTEME ET PROCEDE DE PLIAGE D'UN ECRAN DESTINE A ETRE UTILISE AVEC UN SYSTEME DE MISE EN TENSION D'ECRAN**
[72] TIMMERMAN, MICHAEL, US
[72] LUNNEMANN, ROBERT, US
[72] HEITFELD, MARK, US
[71] M-I L.L.C., US
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[54] **PROCEDES ET COMPOSITIONS DESTINES A LA PRODUCTION D'ARN A DOUBLE BRIN ACCRUE**
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[72] MCLAUGHLIN, PATRICK D., US
[72] ARHANCET, JUAN PEDRO HUMBERTO, US
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[72] SWETLIN, BRIAN J., US
[72] ZUKOR, KENNETH S., US
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[54] **COMPOSITIONS D'IMMUNOGLOBULINES ANTI-CD45 RADIO-MARQUEES STABILISEES**
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[72] SHARMA, SHUBH D., US
[71] ACTINIUM PHARMACEUTICALS, INC., US
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[54] **APPAREILS ET PROCEDES DE MISE EN ŒUVRE D'UNE COMMANDE DE TEMPERATURE POUR UN CONTENEUR DE TRANSPORT**
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[72] KRAUSE, JACOB C., US
[71] WALMART APOLLO, LLC, US
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[54] **SYSTEMES ET PROCEDES DE RECONNAISSANCE D'IMAGES ULTRASONORES METTANT EN ŒUVRE UN RESEAU D'INTELLIGENCE ARTIFICIELLE**
[72] PAGOULATOS, NIKOLAOS, US
[72] PAILOOR, RAMACHANDRA, US
[72] GOODWIN, KEVIN, US
[71] ECHONOUS, INC., US
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[54] **CARACTERISTIQUES DE BORD DE LENTILLE POUR DETERMINER UN PLACEMENT ET UN ALIGNEMENT DE LENTILLE**
[72] WILDSMITH, CHRISTOPHER, US
[72] WIDMAN, MICHAEL F., US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] **METHODS AND APPARATUS FOR MULTIPLEXING REFERENCE SIGNALS FOR MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) LAYERS**
[54] **PROCEDES ET APPAREIL DE MULTIPLEXAGE DE SIGNAUX DE REFERENCE DESTINES A DES COUCHES ENTREES MULTIPLES SORTIES MULTIPLES (MIMO)**
[72] NAMGOONG, JUNE, US
[72] LUO, TAO, US
[72] MANOLAKOS, ALEXANDROS, US
[72] JIANG, JING, US
[72] YANG, YANG, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] JI, TINGFANG, US
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[71] NETFLIX, INC., US
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[54] **SYSTEME ET PROCEDES DE MICRO-RMN HYPERPOLARISEE**
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[72] JEONG, SANGMOO, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **TECHNIQUES EN LIGNE DESTINEES A ACCEDER AUX DEPLOIEMENTS D'INTERFACE UTILISATEUR DANS UN SYSTEME MULTIMEDIA BASE SUR UN RESEAU**
[72] GOMEZ-URIBE, CARLOS A., US
[71] NETFLIX, INC., US
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[54] **REMORQUE CAVE AVANT-PUITS DE BLOC OBTURATEUR DE PUITS MULTIPUITS**
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[72] STOIK, RANDY STEVEN, CA
[72] KONOWALEC, ROMAN, CA
[72] CALLAGHAN, JONATHON DOUGLAS, CA
[72] LIU, LI, CA
[72] CHALUS, DAVID FREDERICK, CA
[71] NATIONAL OILWELL VARCO, L.P., US
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[25] EN
[54] **MODULATION OF THE GUT MICROBIOME TO TREAT MENTAL DISORDERS OR DISEASES OF THE CENTRAL NERVOUS SYSTEM**
[54] **MODULATION DU MICROBIOME INTESTINAL POUR TRAITER LES TROUBLES MENTAUX OU LES MALADIES DU SYSTEME NERVEUX CENTRAL**
[72] STRANDWITZ, PHILIP, US
[72] LEWIS, KIM, US
[71] HOLOBIOME, INC., US
[85] 2018-09-06
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[25] EN
[54] **EXPLOSION-PROOF ENCLOSURE WITH FLAME PATH MAINTENANCE AND PROTECTION MEANS**
[54] **ENCEINTE ANTIDEFLAGRANTE AYANT DES MOYENS DE MAINTIEN ET DE PROTECTION DE TRAJECTOIRE DE FLAMME**
[72] TREIBLE, DANIEL ROBERT, JR., US
[72] HONDA, BUDD SHAW, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **METHODS OF ASSESSING PROTEIN INTERACTIONS BETWEEN CELLS**
[54] **PROCEDES D'EVALUATION D'INTERACTIONS DE PROTEINES ENTRE DES CELLULES**
[72] WALLWEBER, GERALD J., US
[71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
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[54] **PERFORMANCE BED SHEETS**
[54] **DRAPS DE LIT DE QUALITE SUPERIEURE**
[72] ALLETTO, EUGENE, US
[71] BEDGEAR, LLC, US
[85] 2018-09-06
[86] 2017-04-28 (PCT/US2017/030109)
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[54] **ENSEMBLE RESSORT DE SUSPENSION INDEPENDANT**
[72] ALLETTO, EUGENE, JR., US
[71] BEDGEAR, LLC, US
[85] 2018-09-06
[86] 2017-06-06 (PCT/US2017/036147)
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[25] EN
[54] **EFFICACY OF ANTI-TROP-2-SN-38 ANTIBODY DRUG CONJUGATES FOR THERAPY OF TUMORS RELAPSED/REFRACTORY TO CHECKPOINT INHIBITORS**
[54] **EFFICACITE DE CONJUGUES MEDICAMENT-ANTICORPS ANTI-TROP-2-SN-38 POUR LE TRAITEMENT DE TUMEURS RECIDIVANTES/REFRACTAIRES A DES INHIBITEURS DE POINT DE CONTROLE**
[72] GOVINDAN, SERENGULAM V., US
[72] GOLDENBERG, DAVID M., US
[71] IMMUNOMEDICS, INC., US
[85] 2018-09-06
[86] 2017-04-18 (PCT/US2017/028137)
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[25] EN
[54] **AN ILLUMINATED GUY ROPE SYSTEM**
[54] **SYSTEME DE HAUBAN ECLAIRE**
[72] PAP, PAUL, AU
[71] PUP GROUP PTY LTD, AU
[85] 2018-09-07
[86] 2017-03-10 (PCT/AU2017/050219)
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[30] AU (2016900906) 2016-03-10

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[54] **SUPPORTING MECHANISM FOR A PAPERMAKING MACHINE DEWATERING BLADE**
[54] **MECANISME DE SUPPORT POUR UNE LAME D'ESSORAGE DE MACHINE A PAPIER**
[72] COHEN, DAVID, US
[72] LAMOUREUX, STEPHEN, US
[71] ANDRITZ INC., US
[85] 2018-09-06
[86] 2017-03-16 (PCT/US2017/022640)
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[25] EN
[54] **METHOD OF MONITORING NAPHTHENIC ACIDS**
[54] **PROCEDE DE SURVEILLANCE D'ACIDES NAPHTENIQUES**
[72] ENACHE, NELL, CA
[72] WALKER, JAMES, CA
[72] KRANZMANN, BRENDAN, US
[72] DVORCHAK, DAVID, US
[72] ARCHAKIS, THOMAS, US
[72] MURCIA, MICHAEL, US
[72] EISENHAWER, ANDREW, CA
[71] ECOLAB USA INC., US
[85] 2018-09-06
[86] 2017-03-16 (PCT/US2017/022706)
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[25] EN
[54] **FUSION PROTEINS, RECOMBINANT BACTERIA, AND EXOSPORIUM FRAGMENTS FOR ANIMAL HEALTH AND AQUACULTURE**
[54] **PROTEINES DE FUSION, BACTERIES RECOMBINEES ET FRAGMENTS D'EXOSPORIUM UTILISABLES EN SANTE ANIMALE ET EN AQUACULTURE**
[72] THOMPSON, BRIAN M., US
[72] SIEGEL, ASHLEY, US
[71] SPOGEN BIOTECH INC., US
[85] 2018-09-06
[86] 2017-03-16 (PCT/US2017/022801)
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[30] US (62/309,259) 2016-03-16

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[51] **Int.Cl. B22F 9/26 (2006.01) B22F 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NICKEL**
[72] HEGURI, SHIN-ICHI, JP
[72] OZAKI, YOSHITOMO, JP
[72] IKEDA, OSAMU, JP
[72] KUDO, YOHEI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2018-08-23
[86] 2017-02-08 (PCT/JP2017/004499)
[87] (WO2017/150105)
[30] JP (2016-038185) 2016-02-29

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[25] EN
[54] **SELECTION AND CLONING OF T LYMPHOCYTES IN A MICROFLUIDIC DEVICE**
[54] **SELECTION ET CLONAGE DE LYMPHOCYTES T DANS UN DISPOSITIF MICROFLUIDIQUE**
[72] WANG, XIAOHUA, US
[72] BEEMILLER, PETER J., US
[72] BEAUMONT, KRISTIN G., US
[72] LOWE, RANDALL D., JR., US
[72] MASTROIANNI, ALEXANDER J., US
[72] CHAPMAN, KEVIN T., US
[72] BRONEVETSKY, YELENA, US
[72] MARKS, NATALIE C., US
[71] BERKELEY LIGHTS, INC., US
[85] 2018-09-06
[86] 2017-03-16 (PCT/US2017/022846)
[87] (WO2017/161210)
[30] US (62/309,454) 2016-03-17
[30] US (62/326,667) 2016-04-22
[30] US (62/412,212) 2016-10-24
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[25] EN
[54] **PRESS RAM FASTENING SYSTEM**
[54] **SYSTEME DE FIXATION DE VERIN DE PRESSE**
[72] OUDE GROTEBEVELSBORG, WILLEM JAN, NL
[72] GONELLA, CARLO, IT
[71] ANAERGIA B.V., NL
[85] 2018-09-07
[86] 2017-03-15 (PCT/EP2017/056087)
[87] (WO2017/158000)
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[25] EN
[54] **DOOR FOR SOLID WASTE PRESS**
[54] **PORTE POUR PRESSE A DECHETS SOLIDES**
[72] OUDE GROTEBEVELSBORG, WILLEM JAN, NL
[72] GONELLA, CARLO, IT
[71] ANAERGIA B.V., NL
[85] 2018-09-07
[86] 2017-03-16 (PCT/EP2017/056294)
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[51] **Int.Cl. C08L 79/08 (2006.01) B65D 19/00 (2006.01)**
[25] EN
[54] **PRODUCTION PROCESSING AID**
[54] **AIDE AU TRAITEMENT DE PRODUCTION**
[72] MCLEOD, MICHAEL ALLEN, US
[72] TIPPET, JON, US
[72] RODRIGUEZ, LEONARDO CORTES, US
[72] ASHBAUGH, JOHN, US
[72] MAYHALL, MARC, US
[71] FINA TECHNOLOGY, INC., US
[85] 2018-09-07
[86] 2017-03-23 (PCT/US2017/023789)
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[51] **Int.Cl. G21C 19/303 (2006.01) G21F 9/02 (2006.01)**
[25] EN
[54] **SODIUM-CESIUM VAPOR TRAP SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PIEGE A VAPEUR DE SODIUM-CESIUM**
[72] ANDERSON, MICHAEL, US
[72] BURKE, THOMAS M., US
[72] CORBIN, ROBERT A., US
[72] REGAN, CHIRSTOPHER M., US
[71] TERRAPOWER, LLC, US
[85] 2018-09-07
[86] 2017-05-19 (PCT/US2017/033578)
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[25] EN
[54] **TWO STAGE PYROLYSIS OF ORGANIC WASTE**
[54] **PYROLYSE SUR DEUX ETAGES DE DECHETS ORGANIQUES**
[72] BENEDEK, ANDREW, US
[72] JOSSE, JUAN CARLOS, US
[71] ANAERGIA INC., CA
[85] 2018-09-07
[86] 2017-03-14 (PCT/CA2017/050335)
[87] (WO2017/161445)
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[25] EN
[54] **FRAME ELEMENT WITH A SUPPORT HEAD, AND BUILDING SCAFFOLD COMPRISING SUCH A FRAME ELEMENT**
[54] **ELEMENT D'ECHAFAUDAGE MUNI D'UNE TETE DE SUPPORT ET ECHAFAUDAGE EQUIPE D'UN TEL ELEMENT D'ECHAFAUDAGE**
[72] MEYER, ANDREAS, DE
[72] MIKIC, ERZAD, DE
[72] READ, ANDREW, DE
[72] SPECHT, RUDOLF, DE
[71] PERI GMBH, DE
[85] 2018-09-06
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[87] (WO2017/162415)
[30] DE (10 2016 204 694.2) 2016-03-22

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[25] EN
[54] **ELECTRONIC PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION ELECTRONIQUE**
[72] ANTONELLO, PAOLO, IT
[72] BUTTI, AGOSTINO, IT
[72] GUERRA, MAURO, IT
[71] ABB SCHWEIZ AG, CH
[85] 2018-06-07
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[51] **Int.Cl. C01G 49/06 (2006.01) B01J 8/22 (2006.01) C09C 1/24 (2006.01)**
[25] EN
[54] **PRODUCTION OF IRON OXIDE RED PIGMENT**
[54] **FABRICATION DE PIGMENT OXYDE DE FER ROUGE**
[72] CZAPLIK, WALDEMAR, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2018-09-06
[86] 2017-03-07 (PCT/EP2017/055249)
[87] (WO2017/153368)
[30] EP (16159507.9) 2016-03-09

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[51] **Int.Cl. G10L 19/005 (2013.01)**
[25] EN
[54] **ERROR CONCEALMENT UNIT, AUDIO DECODER, AND RELATED METHOD AND COMPUTER PROGRAM FADING OUT A CONCEALED AUDIO FRAME OUT ACCORDING TO DIFFERENT DAMPING FACTORS FOR DIFFERENT FREQUENCY BANDS**
[54] **UNITE DE DISSIMULATION D'ERREUR, DECODEUR AUDIO, ET PROCEDE ET PROGRAMME INFORMATIQUE ASSOCIES PERMETTANT D'ATTENUER UNE TRAME AUDIO DISSIMULEE EN FONCTION DE DIFFERENTS FACTEURS D'AMORTISSEMENT POUR DIFFERENTES BANDES DE FREQUENCE**
[72] LECOMTE, JEREMIE, US
[72] TOMASEK, ADRIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2018-09-06
[86] 2017-03-03 (PCT/EP2017/055106)
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[30] EP (16159033.6) 2016-03-07
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[51] **Int.Cl. C09J 187/00 (2006.01)**
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[54] **MATERIALS FOR USE AS ADHESIVE AND FOR SURFACE SEALING**
[54] **MATERIAUX DESTINES A ETRE UTILISES COMME ADHESIF ET AU SCELLEMENT DE SURFACES**
[72] SCHNEIDER, HEIKE, DE
[72] PFEIFER, STEFAN, DE
[72] KOCKLER, RALF, DE
[72] ENDRES, KLAUS, DE
[71] EPG (ENGINEERED NANOPRODUCTS GERMANY) AG, DE
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[25] EN
[54] **PRODUCTION OF IRON OXIDE RED PIGMENT**
[54] **FABRICATION DE PIGMENT D'OXYDE DE FER ROUGE**
[72] CZAPLIK, WALDEMAR, DE
[72] HOLTMANN, UDO, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
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[54] **INFORMATION DISPLAY SYSTEM IN A SALES AREA**
[54] **SYSTEME D'AFFICHAGE D'INFORMATION DANS UNE ZONE DE VENTES**
[72] BOTTINE, PHILIPPE, FR
[71] SES-IMAGOTAG, FR
[85] 2018-09-06
[86] 2017-03-08 (PCT/EP2017/055463)
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[30] FR (1651909) 2016-03-08

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[51] **Int.Cl. A61M 5/32 (2006.01) A61B 5/153 (2006.01) A61M 5/34 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **RETRACTABLE BLOOD COLLECTION DEVICES AND METHODS**
[54] **DISPOSITIFS RETRACTABLES DE PRELEVEMENT SANGUIN ET PROCEDES ASSOCIES**
[72] WOLOSCHUK, RALPH E., CA
[72] CASTANON, SCOTT E., US
[72] TERRY, WARREN MARC, US
[72] BAKER, JOSEPH JAMES, US
[71] L.O.M. LABORATORIES INC., CA
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[86] 2016-03-18 (PCT/CA2016/050313)
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[54] **SEED INJECTION**
[54] **INJECTION DANS DES SEMENCES**
[72] REICHENBERGER, GUNTHER, SE
[72] PFAFFENBICHLER, NIKOLAUS, AT
[72] MITTER, BIRGIT, AT
[72] RIESING, JOHANN, AT
[72] BRADER, GUNTER, AT
[71] AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, AT
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[86] 2017-03-22 (PCT/EP2017/056857)
[87] (WO2017/162758)
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[51] **Int.Cl. C07C 319/22 (2006.01) C07C 323/60 (2006.01)**
[25] EN
[54] **INDUSTRIAL PROCESS FOR THE PREPARATION OF (5S,10S)-10-BENZYL-16-METHYL-11,14,18-TRIOXO-15,17,19-TRIOXA-2,7,8-TRITHIA-12-AZAHENICOSAN-5-AMINIUM (E)-3-CARBOXYACRYLATE SALT**
[54] **PROCEDE INDUSTRIEL POUR LA PREPARATION DU SEL (E)-3-CARBOXYACRYLATE DE (5S,10S)-10-BENZYL-16-METHYL-11,14,18-TRIOXO-15,17,19-TRIOXA-2,7,8-TRITHIA-12-AZAHENICOSAN-5-AMINIUM**
[72] PORAS, HERVE, FR
[72] LEFEBVRE, LOIC, FR
[72] ZHAO, XINJUN, CN
[72] GAMBERONI, LUCA, IT
[72] DE ROSA, SABRINA, IT
[72] VELARDI, ROSARIO, IT
[71] PHARMALEADS, FR
[85] 2018-09-06
[86] 2016-10-14 (PCT/EP2016/074709)
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[30] EP (15306626.1) 2015-10-14

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[51] **Int.Cl. E01C 7/35 (2006.01) E01C 11/22 (2006.01)**
[25] EN
[54] **CONCRETE PAVEMENT STRUCTURE COMPRISING A CONCRETE BASE LAYER AND AN ELASTOMER IMPROVED CONCRETE WEARING LAYER**
[54] **STRUCTURE DE CHAUSSEE EN BETON COMPRENANT UNE COUCHE DE BASE EN BETON ET UNE COUCHE D'USURE EN BETON AMELIOREE PAR UN ELASTOMERE**
[72] DAO, DUC TUNG, FR
[72] ECH, MOHSEN, FR
[72] MIRAVALLS, NICOLAS, FR
[72] STORA, ERIC, FR
[71] HOLCIM TECHNOLOGY LTD, CH
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[86] 2017-03-23 (PCT/EP2017/056943)
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[30] EP (16305333.3) 2016-03-23

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[51] **Int.Cl. C05B 7/00 (2006.01) C01B 25/28 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING A MONOAMMONIUM PHOSPHATE CONTAINING FERTILIZER SOLUTION**
[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION D'ENGRAIS CONTENANT DU PHOSPHATE DE MONO-AMMONIUM**
[72] BOTHA, GERHARDUS TREDOUX, ZA
[71] LIQUIGRO HOLDINGS (PROPRIETARY) LIMITED, ZA
[85] 2018-09-06
[86] 2016-06-20 (PCT/IB2016/053649)
[87] (WO2017/158406)
[30] ZA (2016/01801) 2016-03-15

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[51] **Int.Cl. A61B 3/028 (2006.01) A61B 3/09 (2006.01) A61B 3/103 (2006.01), A61B 5/00 (2006.01) A61B 5/06 (2006.01) A61B 5/107 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **A DEVICE AND METHOD FOR MEASURING VIEWING DISTANCES**
[54] **DISPOSITIF ET PROCEDE DE MESURE DE DISTANCES DE VISUALISATION**
[72] ZAKHAROV, PAVEL, CH
[72] MROCHEN, MICHAEL, CH
[71] VIVIOR AG, CH
[85] 2018-09-06
[86] 2017-04-10 (PCT/EP2017/058494)
[87] (WO2017/174817)
[30] EP (16164472.9) 2016-04-08

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[51] **Int.Cl. F03D 7/02 (2006.01) F03D 15/20 (2016.01)**
[25] EN
[54] **METHOD FOR OPERATING A WIND TURBINE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE EOLIENNE**
[72] MESSING, RALF, DE
[72] WORTELKER, RAINER, DE
[72] NOFFKE, NILS, DE
[72] FRAUENLOB, MARWIN, DE
[72] NAPIERALA, CHRISTIAN FRANK, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2018-09-06
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[30] DE (10 2016 106 590.0) 2016-04-11

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[51] **Int.Cl. B22D 11/00 (2006.01) B22D 11/049 (2006.01) B22D 11/14 (2006.01) C22C 1/02 (2006.01)**
[25] FR
[54] **ENCLOSURE HAVING A SEALING DEVICE FOR A CASTING INSTALLATION**
[54] **ENCEINTE A DISPOSITIF D'ETANCHEITE POUR INSTALLATION DE COULEE**
[72] BALLU, ARNAUD, FR
[72] VALENTIN, BERNARD, FR
[72] BLAIS, SOIZIC, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2018-09-06
[86] 2017-03-08 (PCT/FR2017/050516)
[87] (WO2017/158259)
[30] FR (1652343) 2016-03-18

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[25] FR
[54] **COOLED TURBINE VANE**
[54] **AUBE REFROIDIE DE TURBINE**
[72] PAQUIN, SYLVAIN, FR
[72] ROLLINGER, ADRIEN BERNARD VINCENT, FR
[71] SAFRAN, FR
[85] 2018-09-06
[86] 2017-03-09 (PCT/FR2017/050527)
[87] (WO2017/153687)
[30] FR (16 52014) 2016-03-10

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[13] A1
[51] **Int.Cl. E01D 19/14 (2006.01) F16F 15/023 (2006.01)**
[25] FR
[54] **IMPROVED DEVICE FOR DAMPING VIBRATIONS IN A CABLE, NOTABLY A CABLE STAY**
[54] **DISPOSITIF AMELIORE POUR L'AMORTISSEMENT DE VIBRATIONS D'UN CABLE, NOTAMMENT D'UN CABLE DE HAUBANAGE**
[72] GUESDON, MATTHIEU, FR
[72] DUGAIN, ANTOINE, FR
[72] MILANDOU, KEVIN, FR
[72] TESTE, MAXIME, FR
[71] SOLETANCHE FREYSSINET, FR
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[54] **FUEL OIL / PARTICULATE MATERIAL SLURRY COMPOSITIONS AND PROCESSES**
[54] **COMPOSITIONS DE SUSPENSION DE MATIERE PARTICULAIRE/MAZOUT ET PROCEDES**
[72] SNAITH, PAUL, GB
[72] UNSWORTH, JOHN FRANCIS, GB
[71] ARQ IP LIMITED, GB
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[86] 2017-04-04 (PCT/GB2017/050938)
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[25] EN
[54] **SOLID-LIQUID CRUDE OIL COMPOSITIONS AND FRACTIONATION PROCESSES THEREOF**
[54] **COMPOSITIONS SOLIDE-LIQUIDE DE PETROLE BRUT ET LEURS PROCEDES DE FRACTIONNEMENT**
[72] SNAITH, PAUL, GB
[72] UNSWORTH, JOHN FRANCIS, GB
[71] ARQ IP LIMITED, GB
[85] 2018-09-06
[86] 2017-04-04 (PCT/GB2017/050939)
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[25] EN
[54] **METHOD FOR MANUFACTURING PANEL-LIKE FORMED ARTICLE**
[54] **PROCEDE POUR LA FABRICATION D'UN ARTICLE MOULE EN FORME DE PANNEAU**
[72] OTSUKA, KENICHIRO, JP
[72] HAMADA, KOICHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-09-06
[86] 2017-03-16 (PCT/JP2017/010658)
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[25] EN
[54] **HYDROCORTISONE ACETATE SUPPOSITORY FORMULATION FOR TREATMENT OF DISEASE**
[54] **FORMULATION DE SUPPOSITOIRE D'ACETATE D'HYDROCORTISONE POUR LE TRAITEMENT DE MALADIES**
[72] DAVAGIAN, JENNIFER J., US
[72] DEVARAJAN, RAJ, US
[71] CRISTCOT LLC, US
[85] 2018-09-06
[86] 2016-03-10 (PCT/US2016/021842)
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[25] EN
[54] **AAV-MEDIATED EXPRESSION USING A SYNTHETIC PROMOTER AND ENHANCER**
[54] **EXPRESSION MEDIEE PAR AAV UTILISANT UN PROMOTEUR ET UN ACTIVATEUR SYNTHETIQUES**
[72] ENGELHARDT, JOHN F., US
[72] YAN, ZIYING, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2018-09-06
[86] 2017-03-07 (PCT/US2017/021124)
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[25] EN
[54] **THERMALLY LAMINATED TAB LINER**
[54] **OPERCULE A TIRETTE STRATIFIE THERMIQUEMENT**
[72] BOURGEOIS, PHILIP, US
[71] TEKNI-PLEX, INC., US
[85] 2018-09-06
[86] 2017-03-29 (PCT/US2017/024774)
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[25] EN
[54] **OPHTHALMIC IMPLANTS WITH EXTENDED DEPTH OF FIELD AND ENHANCED DISTANCE VISUAL ACUITY**
[54] **IMPLANTS OPHTALMIQUES OFFRANT UNE PROFONDEUR DE CHAMP ETENDUE ET UNE MEILLEURE ACUITE VISUELLE DE LOIN**
[72] PINTO, CANDIDO DIONISIO, US
[72] FAY, CONSTANCE ELIZABETH, US
[71] STAAR SURGICAL COMPANY, US
[85] 2018-09-06
[86] 2017-03-08 (PCT/US2017/021291)
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[25] EN
[54] **METHOD FOR CHECKING THE CONFIGURATION SAFETY OF A COUPLING DEVICE**
[54] **PROCEDE DE CONTROLE SECURITAIRE DE LA CONFIGURATION D'UN DISPOSITIF D'ACCOUPLEMENT**
[72] CHAMEROY, ADRIEN, FR
[72] CHANTREL, CEDRIC, FR
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-09-07
[86] 2017-01-25 (PCT/FR2017/050168)
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[51] **Int.Cl. F16H 57/04 (2010.01)**
[25] EN
[54] **HOLLOW-SHAFT LUBRICATING DEVICE, AND TRANSMISSION COMPRISING A STATIONARY FEEDING CANNULA**
[54] **DISPOSITIF DE LUBRIFICATION D'UN ARBRE CREUX ET BOITE DE VITESSES COMPORTANT UNE CANULE D'ALIMENTATION FIXE**
[72] VALLET, FRANCOIS-XAVIER, FR
[72] VILLIERS, FLAVIEN, FR
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-09-07
[86] 2017-02-02 (PCT/FR2017/050227)
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[13] A1
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[25] EN
[54] **METHOD AND KIT FOR ASSEMBLY OF FRAMED STRUCTURES**
[54] **PROCEDE ET KIT POUR L'ASSEMBLAGE DE STRUCTURES EN CHARPENTE**
[72] BRAWNER, RANDY, CA
[72] HARKER, LYNN, CA
[71] BRAWNER, RANDY, CA
[71] HARKER, LYNN, CA
[85] 2018-09-07
[86] 2016-03-08 (PCT/CA2016/050246)
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[25] EN
[54] **HEPATITIS B ANTIVIRAL AGENTS**
[54] **AGENTS ANTIVIRAUX CONTRE L'HEPATITE B**
[72] QIU, YAO-LING, US
[72] GAO, XURI, US
[72] LI, WEI, US
[72] CAO, HUI, US
[72] JIN, MEIZHONG, US
[72] KASS, JORDEN, US
[72] PENG, XIAOWEN, US
[72] OR, YAT SUN, US
[71] ENANTA PHARMACEUTICALS, INC., US
[85] 2018-09-04
[86] 2017-03-06 (PCT/US2017/020853)
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[30] US (62/304,671) 2016-03-07
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[25] EN
[54] **APPARATUS AND METHOD FOR INDICATING AT LEAST ONE PROPERTY RELATED TO AN OBJECT**
[54] **APPAREIL ET PROCEDE POUR INDIQUER AU MOINS UNE PROPRIETE ASSOCIEE A UN OBJET**
[72] WRIGHT, STEPHEN JAMES, CA
[72] BUSHELL, ALEXANDER MICHAEL, CA
[72] SANDERS, CHRISTOPHER JOSEPH, CA
[72] FERREIRA, PEDRO GONCALO, CA
[72] SHEWARD, ROBERT MAXWELL, CA
[72] LAMMERS, ERIK FREDERIK GERARDUS, CA
[71] 9106634 CANADA LTD., CA
[85] 2018-09-07
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[54] **APPARATUS FOR STORING ELECTRIC ENERGY AND METHOD OF OPERATING THE APPARATUS**
[54] **PROCEDE D'ACCUMULATION D'ENERGIE ELECTRIQUE ET PROCEDE DE FONCTIONNEMENT DU DISPOSITIF**
[72] HEIDEBRECHT, PETER, DE
[72] BAYER, DOMNIK, DE
[72] JABCZYNSKI, WOLFGANG, DE
[72] ZERPA UNDA, JESUS ENRIQUE, DE
[72] DUERR, ANNA KATHARINA, DE
[71] BASF SE, DE
[85] 2018-09-06
[86] 2017-03-03 (PCT/EP2017/055067)
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[54] **STANDING PIPE RACK BACK SYSTEM**
[54] **SYSTEME DE SUPPORT DE TUYAU VERTICAL**
[72] SOPRACOLLE, TREVOR, CA
[71] GOLIATH SNUBBING LTD., CA
[85] 2018-09-07
[86] 2017-03-07 (PCT/CA2017/000047)
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[25] EN
[54] **SNOW PLOW BLADE ASSEMBLY**
[54] **ENSEMBLE LAME DE CHASSE-NEIGE**
[72] DESROCHERS, MARIO, CA
[72] VIOLO, VITTORIO, CA
[71] 9318704 CANADA INC., CA
[85] 2018-09-07
[86] 2017-03-09 (PCT/CA2017/000048)
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[25] EN
[54] **TENSIONER FOR A SUSPENSION SWING ARM**
[54] **TENDEUR POUR UN BRAS OSCILLANT DE SUSPENSION**
[72] WATT, DANIEL STANLEY, CA
[72] KROLL, JERRY, CA
[72] HARGROVE, SCOTT STUART, CA
[72] REISNER, HENRY, CA
[72] THEOBALD, EDWARD, CA
[71] ELECTRAMECCANICA VEHICLES CORP., CA
[85] 2018-09-07
[86] 2017-03-10 (PCT/CA2017/050321)
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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/28 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR SECURE GENERATION AND PROCESSING OF DATA SETS REPRESENTING PRE-FUNDED PAYMENTS**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS POUR GENERATION ET TRAITEMENT SECURISES D'ENSEMBLES DE DONNEES REPRESENTANT DES PAIEMENTS PRE-FINANCES**
[72] BADAL-BADALIAN, ARNOLD, CA
[72] LEE, TERRY W., CA
[72] ORTIZ, EDISON U., CA
[72] PAVLOVIC, MARKO, CA
[71] ROYAL BANK OF CANADA, CA
[85] 2018-09-07
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[25] EN
[54] **SYSTEM AND METHOD FOR TRAINING OBJECT CLASSIFIER BY MACHINE LEARNING**
[54] **SYSTEME ET PROCEDE D'APPRENTISSAGE DE CLASSIFICATEUR D'OBJET PAR APPRENTISSAGE AUTOMATIQUE**
[72] SHRIVASTAVA, ASHISH, CA
[71] AVIGILON CORPORATION, CA
[85] 2018-09-07
[86] 2017-03-14 (PCT/CA2017/050334)
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[25] EN
[54] **FIBROTIC TREATMENT**
[54] **TRAITEMENT DE LA FIBROSE**
[72] CHAI, SIEW YEEN, AU
[72] WIDDOP, ROBERT, AU
[72] GASPARI, TRACEY, AU
[72] LEE, HUEY WEN, AU
[71] MONASH UNIVERSITY, AU
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[86] 2016-07-29 (PCT/AU2016/050681)
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[25] EN
[54] **MICROWAVE-ASSISTED MEDICAL TECHNOLOGIES AND APPARATUS THEREFOR**
[54] **TECHNIQUES MEDICALES ASSISTEES PAR HYPERFREQUENCE ET APPAREIL ASSOCIE**
[72] BELANGER, JACQUELINE M. R., CA
[72] PARE, J. R. JOCELYN, CA
[71] ATLANTIC CANCER RESEARCH INSTITUTE, CA
[85] 2018-09-07
[86] 2017-04-05 (PCT/CA2017/000077)
[87] (WO2017/173523)
[30] CA (2,925,827) 2016-04-05

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[25] EN
[54] **CO-FORMULATION COMPRISING A PLANT GROWTH REGULATOR AND AN OIL, AND METHODS OF PREPARING AND USING SAID CO-FORMULATION**
[54] **CO-FORMULATION COMPRENANT UN REGULATEUR DE CROISSANCE VEGETALE ET UNE HUILE, ET PROCEDES DE PREPARATION ET D'UTILISATION DE LADITE CO-FORMULATION**
[72] BROWN, ROWAN, AU
[71] HUNTSMAN CORPORATION AUSTRALIA PTY LIMITED, AU
[85] 2018-09-07
[86] 2017-10-12 (PCT/AU2017/000216)
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[25] EN
[54] **A WIRELESS COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION SANS FIL**
[72] VANDENBERG, STEPHEN, AU
[72] CAFFERY, GRANT, AU
[72] BYE, ALAN, AU
[71] BHP BILLITON INNOVATION PTY LTD, AU
[85] 2018-09-07
[86] 2017-04-28 (PCT/AU2017/050389)
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[51] **Int.Cl. A62D 3/40 (2007.01) B09B 3/00 (2006.01)**
[25] EN
[54] **SOLID WASTE PROCESSING WITH PYROLYSIS OF CELLULOSIC WASTE**
[54] **TRAITEMENT DE DECHETS SOLIDES PAR PYROLYSE DE DECHETS CELLULOSIQUES**
[72] BENEDEK, ANDREW, US
[72] JOSSE, JUAN CARLOS, US
[71] ANAERGIA INC., CA
[85] 2018-09-07
[86] 2017-03-14 (PCT/CA2017/050336)
[87] (WO2017/156629)
[30] US (62/310,341) 2016-03-18

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[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/502 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CINNOLIN-4-AMINE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES CINNOLIN-4-AMINE ET LEUR UTILISATION POUR TRAITER LE CANCER**
[72] PIKE, KURT GORDON, GB
[72] BARLAAM, BERNARD CHRISTOPHE, GB
[71] ASTRAZENECA AB, SE
[85] 2018-09-07
[86] 2017-03-20 (PCT/EP2017/056592)
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[30] US (62/310,883) 2016-03-21

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[51] **Int.Cl. C07K 14/705 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **FUSION PROTEINS OF PD-1 AND 4-1BB**
[54] **PROTEINES DE FUSION DE PD-1 ET 4-1 BB**
[72] NOESSNER, ELFRIEDE, DE
[72] SCHLENKER, RAMONA, DE
[72] WEISZ, STEPHAN, DE
[71] HELMHOLTZ ZENTRUM MUNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH), DE
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[86] 2017-03-23 (PCT/EP2017/056931)
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[25] EN
[54] **METHOD FOR THE PARTIAL COLORING OF PLASTIC PARTS**
[54] **PROCEDE DE COLORATION PARTIELLE DE PIECES EN MATIERE PLASTIQUE**
[72] TZIOVARAS, GEORGIOS, DE
[72] PIERMATTEO, CIRO, DE
[71] COVESTRO DEUTSCHLAND AG, DE
[85] 2018-09-07
[86] 2017-03-24 (PCT/EP2017/057036)
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[30] EP (16162536.3) 2016-03-29

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[25] EN
[54] **A PROCESS FOR PREPARING A SHELF-STABLE PROTEIN SNACK**
[54] **PROCEDE DE PREPARATION D'UN EN-CAS PROTEIQUE DE LONGUE CONSERVATION**
[72] KURNIA, ALBERT, DE
[71] NESTEC S.A., CH
[85] 2018-09-07
[86] 2017-04-03 (PCT/EP2017/057871)
[87] (WO2017/174518)
[30] EP (16163955.4) 2016-04-06

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[13] A1
[51] **Int.Cl. B61K 9/12 (2006.01) G01M 17/10 (2006.01) G01N 27/85 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR INSPECTING TRAIN WHEELS AND AXLES**
[54] **PROCEDES ET SYSTEME D'INSPECTION DE ROUES ET D'ESSIEUX DE TRAIN**
[72] PAULSON, PETER O., CA
[71] PURE TECHNOLOGIES LTD., CA
[85] 2018-09-07
[86] 2017-03-17 (PCT/CA2017/050345)
[87] (WO2017/156637)
[30] US (62/310,392) 2016-03-18

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[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **BIOMARKER FOR THE DIAGNOSIS OF PULMONARY HYPERTENSION (PH)**
[54] **BIOMARQUEUR POUR LE DIAGNOSTIC D'HYPERTENSION PULMONAIRE (PH)**
[72] BORDAG, NATALIE, AT
[72] MAGNES, CHRISTOPH, AT
[72] NARATH, SOPHIE, AT
[72] GANDER, EDGAR, AT
[72] OLSCHEWSKI, ANDREA, AT
[72] NAGY, BENCE M., AT
[72] OLSCHEWSKI, HORST, AT
[71] CBMED GMBH CENTER FOR BIOMARKER RESEARCH IN MEDICINE, AT
[71] JR - JOANNEUM RESEARCH FORSCHUNGSGESELLSCHAFT MBH HEALTH, AT
[71] LBI-LVR - LUDWIG BOLTZMANN INSTITUTE LUNG VASCULAR RESEARCH OF THE LUDWI, AT
[71] MUG - UNIVERSITATSKLINIK FUR INNERE MEDIZIN, MEDIZINISCHE UNIVERSITAT GR, AT
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[30] EP (16159415.5) 2016-03-09

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[51] **Int.Cl. B41J 3/36 (2006.01) B41J 2/175 (2006.01)**
[25] EN
[54] **INK JET PRINTER FOR THE LABELLING OF GOODS WITH A WRITE HEAD AND A SUPPLY TANK**
[54] **IMPRIMANTE A JET D'ENCRE SERVANT A APPOSER UNE INSCRIPTION SUR DES ARTICLES ET MUNIE D'UNE TETE D'ECRITURE ET D'UN RESERVOIR**
[72] SLOMIANNY, ANDREAS, DE
[71] EBS INK JET SYSTEME GMBH, DE
[85] 2018-09-07
[86] 2017-04-06 (PCT/EP2017/058221)
[87] (WO2017/174708)
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[25] EN
[54] **METHOD FOR THE PREPARATION OF A CAST SHEET OF HOMOGENIZED TOBACCO MATERIAL**
[54] **PROCEDE POUR LA PREPARATION D'UNE FEUILLE COULEE DE MATERIAU DE TABAC HOMOGENEISE**
[72] KLIPFEL, YORICK, CH
[72] BUEHLER, FREDERIC ULYSSE, CH
[72] PERRINJAQUET, MARC, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[51] **Int.Cl. A61F 5/41 (2006.01) A61H 19/00 (2006.01)**
[25] EN
[54] **FASTENING DEVICE OF A PENIS EXTENSION DEVICE WITH A TENSILE FORCE METER**
[54] **DISPOSITIF DE FIXATION D'UN DISPOSITIF D'EXTENSION DU PENIS DOTE D'UN DISPOSITIF DE MESURE DE LA FORCE DE TRACTION**
[72] JOCHUM, HERBERT, DE
[71] SWISS-TEC GLOBAL LTD, MT
[85] 2018-09-07
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[25] FR
[54] **METHOD FOR PRODUCING DIANHYDROHEXITOL WITH A STEP OF DISTILLATION ON A THIN-FILM EVAPORATOR**
[54] **PROCEDE DE FABRICATION DE DIANHYDROHEXITOL AVEC UNE ETAPE DE DISTILLATION SUR UN EVAPORATEUR A COUCHE MINCE**
[72] WYART, HERVE, FR
[72] IBERT, MATHIAS, FR
[71] ROQUETTE FRERES, FR
[85] 2018-09-07
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[25] EN
[54] **ANTENNA ARRAY ASSEMBLY**
[54] **ENSEMBLE RESEAU D'ANTENNES**
[72] CLARK, PAUL, GB
[72] WILKINS, ADAM, GB
[72] MORRELL, CARL, GB
[72] KING, NIGEL, GB
[71] CAMBIUM NETWORKS LTD, GB
[85] 2018-09-07
[86] 2017-03-07 (PCT/GB2017/050597)
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[30] GB (1603966.1) 2016-03-08
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[25] EN
[54] **METHOD AND APPARATUS FOR CHANNEL SOUNDING FOR A MU-MIMO WIRELESS COMMUNICATION NETWORK**
[54] **PROCEDE ET APPAREIL DE SONDAGE DE CANAL DESTINES A UN RESEAU DE COMMUNICATION SANS FIL MU-MIMO**
[72] STRONG, PETER, GB
[71] CAMBIUM NETWORKS LTD, GB
[85] 2018-09-07
[86] 2017-03-07 (PCT/GB2017/050599)
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[30] GB (1603978.6) 2016-03-08
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[25] EN
[54] **AGGREGATOR-BASED COST-OPTIMIZED COMMUNICATIONS TOPOLOGY FOR A POINT-TO-MULTIPOINT NETWORK**
[54] **TOPOLOGIE DE COMMUNICATIONS A MOINDRE COUT BASEE SUR UN AGREGATEUR POUR UN RESEAU POINT A MULTIPOINT**
[72] MARICEVIC, ZORAN, US
[72] SCHEMMANN, MARCEL F., NL
[72] MUTALIK, VENKATESH G., US
[72] SUN, ZHIJIAN, US
[71] ARRIS ENTERPRISES LLC, US
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[54] **METHOD AND MICROBES FOR THE PRODUCTION OF CHIRAL COMPOUNDS**
[54] **PROCEDE ET MICROBES POUR LA PRODUCTION DE COMPOSES CHIRAUX**
[72] GREEN, EDWARD, GB
[72] HELDT, DANA, GB
[72] BRADLEY, BENJAMIN, GB
[71] CHAIN BIOTECHNOLOGY LIMITED, GB
[85] 2018-09-07
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[25] EN
[54] **CONTROLLERS FOR INTERCONNECTED LIGHTING DEVICES**
[54] **DISPOSITIFS DE COMMANDE POUR DES DISPOSITIFS D'ECLAIRAGE INTERCONNECTES**
[72] VOLLMER, BENJAMIN DAVID, US
[72] ORISYUK, ALEXANDER, US
[72] NOLAN, CHRISTOPHER D., US
[72] DEDERICH, GEORGE ALBERT, US
[72] CASPER, JOSEPH R., US
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-09-06
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[25] EN
[54] **APPARATUS AND METHOD FOR MAKING A RESILIENT UNIT**
[54] **APPAREIL ET PROCEDE POUR FABRIQUER UNE UNITE ELASTIQUE**
[72] SPINKS, SIMON, GB
[72] CLARE, DAVID, GB
[71] HARRISON SPINKS COMPONENTS LIMITED, GB
[85] 2018-09-07
[86] 2017-03-09 (PCT/GB2017/050631)
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[25] EN
[54] **COMBINATION OF A CXCR4 ANTAGONIST AND AN IMMUNE CHECKPOINT INHIBITOR**
[54] **COMBINAISON D'UN ANTAGONISTE DE CXCR4 ET D'UN INHIBITEUR DE POINT DE CONTROLE IMMUNITAIRE**
[72] RICHARDSON, PETER, GB
[71] PROXIMAGEN GROUP LIMITED, GB
[85] 2018-09-07
[86] 2017-03-10 (PCT/GB2017/050666)
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[51] **Int.Cl. B01J 37/02 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **METHOD OF COATING A SUBSTRATE WITH A PARTICLE STABILIZED FOAM**
[54] **PROCEDE DE REVETEMENT D'UN SUBSTRAT COMPRENANT UNE MOUSSE STABILISEE PAR DES PARTICULES**
[72] BERNARDINI, CECILIA, GB
[72] CAMPBELL, THOMAS, GB
[72] CHANDLER, GUY RICHARD, GB
[72] DALY, CHRISTOPHER, GB
[72] HARDSTONE, KATHARINE, GB
[72] HOTCHKISS, THOMAS, GB
[72] THOMPSETT, DAVID, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2018-09-07
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[25] EN
[54] **REDUCING MAGNETIC FIELD INSTABILITIES CAUSED BY OSCILLATIONS OF A MECHANICAL CRYOCOOLER IN MAGNETIC RESONANCE SYSTEMS**
[54] **REDUCTION DES INSTABILITES D'UN CHAMP MAGNETIQUE PROVOQUEES PAR LES OSCILLATIONS D'UN REFROIDISSEUR CRYOGENIQUE MECANIQUE DANS LES SYSTEMES A RESONANCE MAGNETIQUE**
[72] HARRIS, CHAD TYLER, CA
[72] BINDSEIL, GERON ANDRE, CA
[72] PANTHER, ALEXANDER GYLES, CA
[72] BEATTY, PHILIP J., CA
[72] STAINSBY, JEFF ALAN, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2018-09-07
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[54] **SYSTEM AND METHOD FOR SENSING TISSUE DEFORMATION**
[54] **SYSTEME ET PROCEDE DE DETECTION DE DEFORMATION DE TISSU**
[72] RICHMOND, JOSHUA LEE, CA
[72] PIRON, CAMERON ANTHONY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2018-09-07
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[25] EN
[54] **METHOD FOR MANUFACTURING COLD-ROLLED, WELDED STEEL SHEETS, AND SHEETS THUS PRODUCED**
[54] **PROCEDE DE FABRICATION DE TOLES D'ACIERS LAMINEES A FROID ET SOUDEES, ET TOLES AINSI PRODUITES**
[72] DECHASSEY, EMMANUEL, ES
[72] SILVY LELIGOIS, CHRISTOPHE, ES
[72] CHICHARRO HERRANZ, FRANCISCO, ES
[72] POLO MESTRE, VICENTE, ES
[72] THEYSSIER, MARIE-CHRISTINE, FR
[72] CELOTTO, THIERRY, FR
[72] KACZYNSKI, CHRISTINE, FI
[72] DUPUIS, THOMAS, FR
[72] QUANG-TIEN, NGO, FR
[71] ARCELORMITTAL, LU
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# Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

# Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[51] **Int.Cl. E05B 47/00 (2006.01) H05K 1/02 (2006.01)**
[25] EN
[54] **LOCKING DEVICE WITH INTEGRATED CIRCUIT BOARD**
[54] **DISPOSITIF DE VERROUILLAGE AVEC CARTE DE CIRCUIT INTEGRE**
[72] ZIMMER, TODD C., US
[72] TONON, JEFF P., US
[72] LOWDER, SCOTT B., US
[71] SARGENT MANUFACTURING COMPANY, US
[22] 2010-08-20
[41] 2011-02-24
[62] 2,770,691
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[51] **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **ABDOMINAL TREATMENT SYSTEMS, DELIVERY DEVICES, AND METHODS**
[54] **SYSTEMES POUR TRAITEMENT ABDOMINAL, DISPOSITIFS D'ADMINISTRATION ET PROCEDES CORRESPONDANTS**
[72] SIMMONS, TYLER, US
[72] SAMMONS, ALEXANDER, US
[71] KCI LICENSING, INC., US
[22] 2011-03-10
[41] 2011-09-15
[62] 2,789,002
[30] US (61/312,990) 2010-03-11
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[51] **Int.Cl. F21V 21/04 (2006.01) F21S 8/02 (2006.01) F21V 17/08 (2006.01) H02G 3/02 (2006.01) H02G 3/12 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **FLUSH MOUNT LIGHTING FIXTURE**
[54] **APPAREIL D'ECLAIRAGE AFFLEURANT**
[72] FEIT, ALAN BARRY, US
[72] HALLIWELL, BRIAN, US
[71] FEIT ELECTRIC COMPANY, INC., US
[22] 2017-09-20
[41] 2018-03-20
[62] 2,979,652
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[51] **Int.Cl. F21V 17/08 (2006.01) F21V 21/04 (2006.01) H02G 3/02 (2006.01) H02G 3/12 (2006.01) F21K 9/00 (2016.01) F21V 15/01 (2006.01)**
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[54] **FLUSH MOUNT LIGHTING FIXTURE**
[54] **APPAREIL D'ECLAIRAGE AFFLEURANT**
[72] FEIT, ALAN BARRY, US
[72] HALLIWELL, BRIAN, US
[71] FEIT ELECTRIC COMPANY, INC., US
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[41] 2018-03-20
[62] 2,979,652
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[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01) C12M 3/00 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EX VIVO LUNG CARE**
[54] **SYSTEMES ET METHODES DE SOINS PULMONAIRES EX VIVO**
[72] FISHMAN, ROBERT, US
[72] HAVENER, ROBERT, US
[72] FATTAH, IHAB ABDEL, US
[72] ABDELAZIM, ANAS, US
[72] NEWELL, SCOTT, US
[72] BISHOP, TOM, US
[72] KHAYAL, TAMER, US
[72] KYI, STANLEY, US
[72] TAYLOR, RONALD, US
[72] HARRIOTT, DOUG, US
[72] DE REMER, MATTHEW, US
[72] MURRAY, PAUL, US
[72] SULLIVAN, JOHN, US
[72] ANDERSON, MARK, US
[72] BRINGHAM, RICHARD, US
[72] VAN DRIEL, MICHAEL, US
[72] HASSANEIN, WALEED, US
[71] TRANSMEDICS, INC., US
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[41] 2009-08-13
[62] 2,948,767
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[51] **Int.Cl. A61B 18/12 (2006.01) A61B 5/055 (2006.01) A61B 6/00 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PERFORMING AN ELECTROSURGICAL PROCEDURE USING AN ABLATION DEVICE WITH AN INTEGRATED IMAGING DEVICE**
[54] **SYSTEME ET METHODE PERMETTANT DE REALISER UNE INTERVENTION ELECTROCHIRURGICALE A L'AIDE D'UN APPAREIL D'ABLATION MUNI D'UN DISPOSITIF D'IMAGERIE INTEGRE**
[72] KIM, STEVEN, US
[72] RICK, KYLE R., US
[72] PRAKASH, MANI N., US
[71] COVIDIEN LP, US
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[51] **Int.Cl. A61M 5/158 (2006.01) A61M 5/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **INSULIN PUMP DERMAL INFUSION SET HAVING PARTIALLY INTEGRATED MECHANIZED CANNULA INSERTION WITH DISPOSABLE ACTIVATION PORTION**
[54] **ENSEMBLE DE PERFUSION DERMIQUE POUR POMPE A INSULINE EQUIPE D'UN MECANISME D'INSERTION DE CANULE PARTIELLEMENT INTEGRE AVEC ELEMENT D'ACTIVATION JETABLE**
[72] BENE, ERIC, US
[72] COLE, RUSSELL, US
[72] IRWIN, STEVE, US
[72] KADAMUS, CHRIS, US
[72] ROUX, SERGE, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2011-11-29
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[51] **Int.Cl. H04W 4/21 (2018.01) H04W 4/12 (2009.01) H04W 4/029 (2018.01)**
[25] EN
[54] **POWER MANAGEMENT OF MOBILE CLIENTS USING LOCATION-BASED SERVICES**
[54] **GESTION DE PUISSANCE DE CLIENTS MOBILES A L'AIDE DE SERVICES BASES SUR UN EMPLACEMENT**
[72] VACCARI, ANDREA, US
[72] JIA, YUNTAO, US
[72] BISHT, TUSHAR, US
[72] GE, JUN, US
[72] MOREELS, PIERRE, US
[71] FACEBOOK, INC., US
[22] 2014-07-15
[41] 2015-10-22
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[51] **Int.Cl. A61K 31/404 (2006.01) A61K 9/10 (2006.01) A61K 47/38 (2006.01) A61P 3/00 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **SOLID FORMS OF (R)-1(2,2-DIFLUOROBENZO[D][1,3]DIOXOL-5-YL)-N-(1-(2,3-DIHYDROXYPROPYL)-6-FLUORO-2-(1-HYDROXY-2-METHYLPROPAN-2-YL)-1H-INDOL-5-YL) CYCLOPROPANECARBOXAMIDE**
[54] **FORMES SOLIDES DE (R)-1(2,2-DIFLUOROBENZO[D][1,3]DIOXOL-5-YL)-N-(1-(2,3-DIHYDROXYPROPYL)-6-FLUORO-2-(1-HYDROXY-2-METHYLPROPAN-2-YL)-1H-INDOL-5-YL)CYCLOPROPANECARBOXAMIDE**
[72] ALCACIO, TIM EDWARD, US
[72] KESHAVARZ-SHOKRI, ALI, US
[72] KRAWIEC, MARIUSZ, US
[72] LEE, ELAINE CHUNGMIN, US
[72] ZHANG, BEILI, US
[72] ZHANG, YUEGANG, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[22] 2011-03-25
[41] 2011-09-29
[62] 2,794,559
[30] US (61/317,376) 2010-03-25
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[51] **Int.Cl. A42B 3/04 (2006.01) A42B 3/06 (2006.01) A42B 3/08 (2006.01) A42B 3/32 (2006.01) A63B 71/10 (2006.01)**
[25] EN
[54] **ADJUSTABLE HOCKEY HELMET**
[54] **CASQUE DE HOCKEY AJUSTABLE**
[72] BELANGER, GUILLAUME, CA
[72] BELAND, JEAN-FRANCOIS, CA
[71] BAUER HOCKEY LTD., CA
[22] 2008-08-15
[41] 2009-02-17
[62] 2,989,211
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[51] **Int.Cl. C10L 10/02 (2006.01) C10L 5/00 (2006.01) C10L 9/10 (2006.01)**
[25] EN
[54] **REDUCING SULFUR GAS EMISSIONS RESULTING FROM THE BURNING OF CARBONACEOUS FUELS**
[54] **REDUCTION DES EMISSIONS DE GAZ SULFUREUX ISSUS DE LA COMBUSTION DE COMBUSTIBLES CARBONES**
[72] COMRIE, DOUGLAS C., US
[72] VELLELLA, VINCENT A., US
[71] NOX II, LTD., US
[22] 2005-04-08
[41] 2006-01-19
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[51] **Int.Cl. E01C 5/06 (2006.01) E01C 11/04 (2006.01) E01F 5/00 (2006.01) E03F 1/00 (2006.01)**
[25] EN
[54] **PRECAST INTERCONNECTABLE CONCRETE PAVER BLOCK FOR CONSTRUCTING PAVING SURFACES**
[54] **BLOC DE PAVE DE BETON INTERCONNECTABLE PREMOULE POUR LA CONSTRUCTION DE SURFACES PAVEES**
[72] CICCARELLO, CHARLES, CA
[71] TECHO-BLOC INC., CA
[22] 2011-10-11
[41] 2013-04-11
[62] 2,754,920

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[51] **Int.Cl. B41J 35/28 (2006.01) B41J 25/304 (2006.01) B41J 32/00 (2006.01) B41J 35/08 (2006.01)**
[25] EN
[54] **MEDIA PROCESSING DEVICE WITH ENHANCED MEDIA AND RIBBON LOADING AND UNLOADING FEATURES**
[54] **DISPOSITIF DE TRAITEMENT DE SUPPORTS DOTE DE FONCTIONS DE CHARGEMENT/DECHARGEMEN T DE RUBAN ET DE SUPPORT AMELIOREES**
[72] BALCAN, PETRICA D., US
[72] CHANG, CHIA-WEN, CN
[72] CHIANG, SHU-HSUN, CN
[72] LU, KUAN-YING, CN
[72] CHARI, AVIND, US
[72] COLAGIOVANNI, CHRIS, US
[72] GARBE, DAVID, US
[72] HUSSEY, LANCE, US
[72] JANI, HARNISH, US
[72] SCHATZ, BILL, US
[72] SMOLENSKI, LARRY, US
[72] THIELEN, DON, US
[72] TSAI, JAMES, US
[72] VANDERPOL, GREG, US
[72] WONG, RANDAL, US
[72] WU, SHUSHUO, US
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[22] 2014-12-16
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[62] 2,934,260
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[13] A1
[51] **Int.Cl. G01S 11/16 (2006.01) H04H 60/33 (2009.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND APPARATUS FOR MULTI-PURPOSE METERING**
[54] **PROCEDES, SYSTEMES ET APPAREIL DE MESURE POLYVALENTE**
[72] RAMASWAMY, ARUN, US
[72] CONKLIN, CHARLES, US
[72] OLMSTEAD, WAYNE A., US
[72] JOHNSON, KARIN, US
[72] MARTENSEN, FRED, US
[72] NELSON, DANIEL, US
[72] TOPCHY, ALEXANDER, US
[72] MEARS, PAUL, US
[71] THE NIELSEN COMPANY (US), LLC, US
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[62] 2,932,384
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[13] A1
[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/07 (2010.01) C12N 5/02 (2006.01) C12N 5/04 (2006.01)**
[25] EN
[54] **REGULATING STEM CELLS**
[54] **REGULATION DE CELLULES SOUCHES**
[72] FULGA, VALENTIN, IL
[72] PORAT, YAEL, IL
[72] POROZOV, SVETLANA, IL
[72] SHIMONI-ZALK, DAPHNA, IL
[71] KWALATA TRADING LIMITED, CY
[22] 2005-12-14
[41] 2006-06-22
[62] 2,632,834
[30] US (60/636,391) 2004-12-14
[30] US (60/668,739) 2005-04-05

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[13] A1
[51] **Int.Cl. A61K 38/28 (2006.01) A61K 38/16 (2006.01) A61K 38/26 (2006.01) A61P 3/08 (2006.01) A61M 5/19 (2006.01)**
[25] EN
[54] **COMBINATION OF AN INSULIN AND A GLP-1 AGONIST**
[54] **COMBINAISON D'UNE INSULINE ET D'UN AGONISTE DE GLP-1**
[72] WERNER, ULRICH, DE
[72] ROTTHAUSER, BARBEL, DE
[72] SMITH, CHRISTOPHER JAMES, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[22] 2009-10-09
[41] 2010-04-22
[62] 2,740,685
[30] DE (10 2008 051 834.4) 2008-10-17
[30] DE (10 2008 053 048.4) 2008-10-24
[30] DE (10 2009 038 210.0) 2009-08-20

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[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04L 9/32 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **MANAGING MULTIPLE PROFILES FOR A SINGLE ACCOUNT IN AN ASYNCHRONOUS MESSAGING SYSTEM**
[54] **GESTION DE PLUSIEURS PROFILS POUR UN SEUL COMPTE DANS UN SYSTEME DE MESSAGERIE ASYNCHRONE**
[72] ABDEL-MAGUID, HAZEM, CA
[72] AMER, ABDELRAHMAN, CA
[71] NANDBOX INC., CA
[22] 2016-08-31
[41] 2017-09-08
[62] 3,009,851
[30] US (62/301,685) 2016-03-01

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[13] A1
[51] **Int.Cl. A01J 9/02 (2006.01) F16K 11/00 (2006.01) F16K 24/02 (2006.01)**
[25] EN
[54] **SAFETY VALVE FOR AN AUTOMATIC DAIRY ANIMAL MILKER UNIT BACKFLUSHER AND TEAT DIP APPLICATOR**
[54] **SOUPAPE DE SURETE DESTINEE AU DECOLMATAGE A CONTRE-COURANT D'UNE UNITE DE TRAITE D'ANIMAL LAITIER AUTOMATIQUE**
[72] TORGERSON, KEVIN L., US
[72] HEDLUND, NATHAN, US
[72] STUESSEL, MATTHEW J., US
[71] GEA FARM TECHNOLOGIES, INC., US
[22] 2010-09-03
[41] 2011-03-10
[62] 2,772,991
[30] US (12/584,475) 2009-09-04
[30] US (12/584,480) 2009-09-04
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[51] **Int.Cl. C07K 16/28 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **B7-H1, A NOVEL IMMUNOREGULATORY MOLECULE**
[54] **NOUVELLE MOLECULE IMMUNOREGULATRICE B7-H1.**
[72] CHEN, LIEPING, US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
[22] 2000-11-30
[41] 2001-06-07
[62] 2,392,477
[30] US (09/451291) 1999-11-30
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[51] **Int.Cl. A61B 5/00 (2006.01) G16H 50/30 (2018.01) G16H 80/00 (2018.01) A61B 5/0205 (2006.01)**
[25] EN
[54] **SYSTEMS, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING AND IMPROVING HEALTH AND PRODUCTIVITY OF EMPLOYEES**
[54] **SYSTEMES, SUPPORT INFORMATIQUE ET PROCEDES INFORMATIQUES POUR SURVEILLER ET AMELIORER LA SANTE ET LA PRODUCTIVITED'EMPLOYES**
[72] HORSEMAN, SAMANTHA J., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[22] 2012-07-03
[41] 2013-01-10
[62] 2,839,287
[30] US (61/504,638) 2011-07-05
[30] US (61/659,807) 2012-06-14
[30] US (61/659,790) 2012-06-14
[30] US (61/659,818) 2012-06-14
[30] US (61/659,824) 2012-06-14
[30] US (61/659,796) 2012-06-14
[30] US (61/659,810) 2012-06-14
[30] US (61/659,831) 2012-06-14
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[21] **3,016,518**
[13] A1
[51] **Int.Cl. A61B 3/107 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING CORNEAL TOPOGRAPHY**
[54] **SYSTEME ET PROCEDE POUR MESURER LA TOPOGRAPHIE CORNEENNE**
[72] RAYMOND, THOMAS D., US
[72] POWERS, WILLIAM S., US
[72] NEAL, DANIEL R., US
[72] FARRER, STEPHEN W., US
[72] CAMPBELL, CHARLES E., US
[71] AMO WAVEFRONT SCIENCES, LLC, US
[22] 2008-06-27
[41] 2008-12-31
[62] 2,691,658
[30] US (11/769,054) 2007-06-27

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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/24 (2006.01)**
[25] EN
[54] **SEPARABLE HUB POST OF PEN NEEDLE**
[54] **MONTANT D'EMBOITEMENT SEPARABLE POUR AIGUILLE STYLO**
[72] HORVATH, JOSHUA, US
[72] BRIZZOLARA, JOSEPH, US
[72] HWANG, CHARLES, US
[72] BATES, JAMES, US
[72] KNAPP, KEITH, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2010-09-15
[41] 2011-03-24
[62] 2,773,526
[30] US (61/244,001) 2009-09-18

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[51] **Int.Cl. F28F 9/00 (2006.01) F01P 3/00 (2006.01) F28F 9/02 (2006.01)**
[25] EN
[54] **IMPROVED HEAT EXCHANGER UNIT**
[54] **MODULE D'ECHANGEUR THERMIQUE AMELIORE**
[72] HJORTH, DEREK, US
[72] GASKA, JOHN, US
[72] VISSCHER, KEVIN, CA
[72] LOTEY, IQBAL, CA
[72] VANBERG, RANDY, US
[72] PENG, BOB, CA
[71] GLOBAL HEAT TRANSFER ULC, CA
[22] 2017-04-07
[41] 2017-10-10
[62] 2,963,572
[30] US (60/320,606) 2016-04-10
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[30] US (15/477,097) 2017-04-02

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[13] A1
[51] **Int.Cl. G01N 37/00 (2006.01) B81B 7/00 (2006.01) G01N 21/59 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **FEEDBACK CONTROL IN MICROFLUIDIC SYSTEMS**
[54] **ASSERVISSEMENT DANS DES SYSTEMES MICROFLUIDIQUES**
[72] LINDER, VINCENT, US
[72] STEINMILLER, DAVID, US
[71] OPKO DIAGNOSTICS, LLC, US
[22] 2011-04-15
[41] 2011-10-20
[62] 2,795,211
[30] US (61/325,044) 2010-04-16
[30] US (61/325,023) 2010-04-16
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[21] **3,016,662**
[13] A1
[51] **Int.Cl. A01D 7/06 (2006.01) E01H 1/12 (2006.01)**
[25] EN
[54] **LEAF RAKE**
[54] **RATEAU A FEUILLES**
[72] STEIN, ROBERT JAMES, US
[72] ABBOTT, AARON DANIEL, US
[72] FEGLEY, JEFFREY JOSEPH, US
[72] BLASZCZAK, GREGORY J., US
[71] THE AMES COMPANIES, INC., US
[22] 2014-07-21
[41] 2015-01-22
[62] 2,857,315
[30] US (61/856,871) 2013-07-22

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[51] **Int.Cl. B01J 2/04 (2006.01) B82Y 30/00 (2011.01) C25C 1/20 (2006.01) C25C 7/02 (2006.01)**
[25] EN
[54] **CONTINUOUS METHODS FOR TREATING LIQUIDS AND MANUFACTURING CERTAIN CONSTITUENTS (E.G. NANOPARTICLES) IN LIQUIDS, APPARATUSES AND NANOPARTICLES AND NANOPARTICLE/LIQUID SOLUTION(S) RESULTING THEREFROM**
[54] **PROCEDES CONTINUS DE TRAITEMENT DES LIQUIDES ET DE FABRICATION DE CERTAINS CONSTITUANTS (PAR EXEMPLE DES NANOPARTICULES) DES LIQUIDES, APPAREILS ET NANOPARTICULES ET SOLUTION(S) ABASE DE NANOPARTICULES/LIQUIDE EN RESULTANT**
[72] PIERCE, DAVID K., US
[72] MORTENSON, MARK G., US
[72] BRYCE, DAVID A., US
[71] CLENE NANOMEDICINE, INC., US
[22] 2008-07-11
[41] 2009-01-15
[62] 2,693,686
[30] US (60/949,175) 2007-07-11
[30] US (60/949,312) 2007-07-12

[21] **3,016,726**
[13] A1
[51] **Int.Cl. F41A 21/02 (2006.01) F41A 21/20 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE COMPOSITE PROJECTILE BARREL**
[54] **FUT DE PROJECTILE COMPOSITE A HAUTE TEMPERATURE**
[72] CURLISS, DAVID B., US
[72] LINCOLN, JASON E., US
[72] DEGERNESS, MICHAEL K., US
[71] PROOF RESEARCH, INC., US
[22] 2014-08-28
[41] 2015-03-05
[62] 2,921,663
[30] US (61/871,154) 2013-08-28
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[21] **3,016,736**
[13] A1
[51] **Int.Cl. H04L 12/951 (2013.01) H04W 72/00 (2009.01) H04J 11/00 (2006.01) H04L 1/22 (2006.01)**
[25] EN
[54] **DYNAMIC CONFIGURATION OF A FLEXIBLE ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING PHY TRANSPORT DATA FRAME**
[54] **CONFIGURATION DYNAMIQUE D'UNE TRAME FLEXIBLE DE DONNEES DE TRANSPORT/PHY A MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE**
[72] SIMON, MICHAEL J., US
[72] SHELBY, KEVIN A., US
[72] EARNSHAW, MARK, US
[71] ONE MEDIA, LLC, US
[22] 2015-08-07
[41] 2016-02-11
[62] 2,956,957
[30] US (62/034,583) 2014-08-07

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[21] **3,016,741**
[13] A1
[51] **Int.Cl. G10L 19/028 (2013.01) G10L 19/012 (2013.01) G10L 25/78 (2013.01)**
[25] EN
[54] **SIGNAL ENCODING METHOD AND DEVICE**
[54] **METHODE ET DISPOSITIF DE CODAGE DE SIGNAL**
[72] WANG, ZHE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[22] 2013-09-25
[41] 2014-12-04
[62] 2,911,439
[30] CN (201310209760.9) 2013-05-30

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[21] **3,016,781**
[13] A1
[51] **Int.Cl. A61M 11/06 (2006.01) A61M 5/31 (2006.01) A61M 15/08 (2006.01)**
[25] EN
[54] **ATOMIZER FOR NASAL THERAPY**
[54] **ATOMISEUR POUR THERAPIE NASALE**
[72] DENTON, MARSHALL T., US
[72] CROLL, PERRY W., US
[72] CRISTENSEN, MARK A., US
[72] WOLFE, TIMOTHY R., US
[72] BROWN, J. MICHAEL, US
[71] WOLFE TORY MEDICAL, INC., US
[22] 2011-11-11
[41] 2012-05-18
[62] 2,817,482
[30] US (61/456780) 2010-11-12

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[13] A1
[51] **Int.Cl. G16H 40/63 (2018.01) G06F 3/0481 (2013.01) A61M 5/142 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **USER INTERFACE IMPROVEMENTS FOR MEDICAL DEVICES**
[54] **AMELIORATIONS D'INTERFACE UTILISATEUR POUR DES DISPOSITIFS MEDICAUX**
[72] RUBALCABA, BERNARDINO, JR., US
[72] TEEL, CLAY H., US
[72] LECAPTAIN, ANGELA, US
[72] ARRIZZA, JOHN, US
[72] CAMPBELL, LYNETTE L., US
[72] COZMI, MIHAELA, US
[72] DAVIS, GLENN, US
[72] FENG, WEN X., US
[72] MARINO, ANGELA, US
[72] PALMROOS, JOH ERIK MICHAEL, US
[72] SILKAITIS, RAYMOND P., US
[72] WILLEY, SUZANNE, US
[72] XIN, YU, US
[71] ICU MEDICAL, INC., US
[22] 2008-12-18
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[62] 2,944,504
[30] US (61/014,677) 2007-12-18

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[13] A1
[51] **Int.Cl. H04N 19/137 (2014.01) H04N 19/176 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **VIDEO ENCODING METHOD USING OFFSET ADJUSTMENTS ACCORDING TO PIXEL CLASSIFICATION AND APPARATUS THEREFOR, VIDEO DECODING METHOD AND APPARATUS THEREFOR**
[54] **PROCEDE DE CODAGE VIDEO UTILISANT DES REGLAGES DE DECALAGE SELON LA CLASSIFICATION DES PIXELS ET APPAREIL CORRESPONDANT, ET PROCEDE ET APPAREIL DE DECODAGE VIDEO**
[72] ALSHINA, ELENA, KR
[72] ALSHIN, ALEXANDER, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2012-06-27
[41] 2013-01-03
[62] 2,840,583
[30] US (61/502,018) 2011-06-28

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[21] **3,016,923**
[13] A1
[51] **Int.Cl. E03C 1/05 (2006.01) F16K 11/00 (2006.01) F16K 31/02 (2006.01) F16L 3/01 (2006.01)**
[25] EN
[54] **ELECTRONIC PLUMBING FIXTURE FITTING**
[54] **RACCORD D'EQUIPEMENT DE PLOMBERIE ELECTRONIQUE**
[72] EVANS, KENNETH E., US
[72] FRICK, TIMOTHY A., US
[72] PAGANO, TERRENCE A., US
[72] PARIKH, HARSHIL R., US
[72] SONG, INHO, US
[72] TUCKER, W. RANDALL, US
[72] WEBER, ERIC M., US
[71] MOEN INCORPORATED, US
[22] 2013-03-07
[41] 2013-09-12
[62] 2,866,674
[30] US (61/607,860) 2012-03-07

[21] **3,016,941**
[13] A1
[51] **Int.Cl. B31B 50/14 (2017.01) B65D 51/16 (2006.01)**
[25] EN
[54] **LAMINATED, BLOW-MOLDED CONTAINER AND PROCESS FOR FORMING ONE OR MORE AIR INTAKE HOLES**
[54] **RECIPIENT MULTICOUCHE MOULE PAR SOUFFLAGE ET PROCEDE DE FORMATION D'UN TROU D'ENTREE D'AIR**
[72] MIYAJIMA, HISAO, JP
[72] SOTOME, MITSUHIRO, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[22] 2012-08-08
[41] 2013-03-07
[62] 2,847,329
[30] JP (2011-188750) 2011-08-31

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[13] A1
[51] **Int.Cl. G01N 15/06 (2006.01) G08B 17/107 (2006.01)**
[25] EN
[54] **OPTICAL DETECTION OF PARTICLE CHARACTERISTICS**
[54] **DETECTION OPTIQUE DE CARACTERISTIQUES DE PARTICULES**
[72] ALEXANDER, BRIAN, AU
[72] VAYEDA, NITIN, AU
[72] AJAY, KEMAL, AU
[71] GARRETT THERMAL SYSTEMS LIMITED, GB
[22] 2009-09-04
[41] 2010-03-11
[62] 2,735,715
[30] AU (2008904626) 2008-09-05

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[13] A1
[51] **Int.Cl. E04F 13/22 (2006.01) E04B 1/41 (2006.01)**
[25] EN
[54] **THERMAL WALL ANCHOR**
[54] **ANCRAGE MURAL THERMIQUE**
[72] HOHMANN, RONALD P., JR., US
[71] MITEK HOLDINGS, INC., US
[22] 2015-06-23
[41] 2015-12-24
[62] 2,895,554
[30] US (14/313689) 2014-06-24

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[13] A1
[51] **Int.Cl. C09K 3/00 (2006.01) C08J 9/14 (2006.01) C09K 3/30 (2006.01) C09K 5/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING 2,3,3,3-TETRAFLUOROPROPENE, 1,1,2,3-TETRACHLOROPROPENE, 2-CHLORO-3,3,3-TRIFLUOROPROPENE, OR 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE**
[54] **COMPOSITIONS COMPRENANT DU 2,3,3,3-TETRAFLUOROPROPENE, DU 1,1,2,3-TETRACHLOROPROPENE, DU 2-CHLORO-3,3,3-TRIFLUOROPROPENE, OU DU 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE**
[72] NAPPA, MARIO JOSEPH, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[22] 2010-12-22
[41] 2011-07-21
[62] 2,782,592
[30] US (61/289,027) 2009-12-22

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DOUVARAS, PANAGIOTIS 3,016,575
DOW GLOBAL TECHNOLOGIES LLC 3,016,479
DRAGIC, MILE 3,016,805
DREVETS, WAYNE C. 3,016,706
DRUMMOND, DARYL 3,016,676
DRUMMOND, DARYL C. 3,016,455
DUAN, HOULI 3,016,581
DUBIEF, FLAVIEN 3,016,734
DUCROUX, JEAN-PATRICK 3,016,820
DUERR, ANNA KATHARINA 3,017,022
DUGAIN, ANTOINE 3,016,974
DUPUIS, THOMAS 3,017,072
DURBIN, ANNA P. 3,016,697
DVERIN, ALEXANDER 3,016,756
DVORCHAK, DAVID 3,016,920
E.I. DU PONT DE NEMOURS AND COMPANY 3,016,487
EARLEY, ROSS 3,016,811
EATON INTELLIGENT POWER LIMITED 3,016,912
EATON INTELLIGENT POWER LIMITED 3,017,063
EBERHARDT, JENS 3,016,834
EBOLI, CARLOS 3,016,699
EBS INK JET SYSTEME GMBH 3,017,045
ECH, MOHSEN 3,016,963
ECHONOUS, INC. 3,016,903
ECOLAB USA INC. 3,016,692
ECOLAB USA INC. 3,016,920
EDWARDS LIFESCIENCES CORPORATION 3,016,513
EFTEKHARI FAR, MEHDI 3,016,861
EGE, PATRICK C. 3,016,612
EGLETON, PHILIP C.G. 3,016,862
EISENHAWER, ANDREW 3,016,920
EITAN, ALECSANDER PETRU 3,016,721
ELC MANAGEMENT LLC 3,016,619
ELDOLAB HOLDING B.V. 3,016,526
ELECTRAMECCANICA VEHICLES CORP. 3,017,025
ELIHAY, LIRAN 3,016,514
ELISON, SARAH 3,016,892

ELLSON, GREGORY T. 3,016,532
ELOUAHABI, ABDELATIF A. 3,016,860
ELSTAR THERAPEUTICS, INC. 3,016,563
EMERSON, TOD D. 3,016,447
EMOND, PIERRE LAURENT 3,016,767
EMORY UNIVERSITY 3,016,879
ENACHE, NELI 3,016,920
ENANTA PHARMACEUTICALS, INC. 3,017,020
ENDO, MIKA 3,016,552
ENDRES, KLAUS 3,016,952
ENGELHARDT, JOHN F. 3,016,985
EPG (ENGINEERED NANOPRODUCTS GERMANY) AG 3,016,952
EQUALAIRE SYSTEMS, INC. 3,016,638
ERETH, STEFAN 3,016,550
ESSEGHIR, MOHAMED 3,016,479
ETTA, LAUREN 3,016,523
ETTRICH, JAN H. 3,016,612
EVERLY, MARK D. 3,016,541
EVERLY, MARK D. 3,016,547
EVERLY, MARK D. 3,016,553
EVERLY, MARK D. 3,016,558
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,016,453
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,016,733
EZRA, MINDY 3,016,770
FACCIN, STEFANO 3,016,549
FACEBOOK, INC. 3,016,881
FACKLER, CAMERON J. 3,016,877
FAIRLIE, MATTHEW J. 3,016,699
FALIVENE ALDEA, ORIOL 3,005,356
FARINA, DINO JOHN 3,016,890
FARRELL, COLM 3,016,488
FARRELL, MICHAEL 3,016,555
FARRELL, RONAN 3,016,670
FAUSTINI, LUIGI 3,016,445
FAY, CONSTANCE ELIZABETH 3,016,987
FEINDT, SIXTUS GODEHARD 3,016,489
FEISTEL, CHRISTOPHER 3,016,895
FELIX, CHRISTOPHER J. 3,016,603
FERGUSON, DANA 3,016,599
FERREIRA RAMALHO, PATRICIA SOFIA 3,016,705
FERREIRA, PEDRO GONCALO 3,017,021
FEYERS, ROBERT 3,016,511
FIEDLER & LUNDGREN AB 3,016,766
FIERRO, FRANK 3,016,577
FILICE, FRANK P. 3,016,470
FILKINS, ADAM ANTHONY 3,016,456
FINA TECHNOLOGY, INC. 3,016,931
FINDMINE 3,016,598
FINEBERG, ALAN 3,016,616
FIT THINGS NV 3,016,725
FITZGERALD, RUSS N. 3,016,461
FLAMENT, MARIE-PIERRE 3,016,851
FLOAT, JAMISON JOSEPH 3,016,454
FLUID HANDLING LLC 3,016,603
FMC CORPORATION 3,016,885
FORBES, MICHAEL 3,016,510
FORD, ANTHONY P. 3,016,773
FORSTER, KARL-DIETER 3,016,751
FOSSATI, VALENTINA 3,016,575
FOX, GAGE A. 3,016,043
FOX, GAGE A. 3,016,044
FOX, TIM WAYNE 3,016,487
FRANCESCO, MASI 3,016,659
FRASCATI, ALESSANDRO 3,005,356
FRAUENLOB, MARWIN 3,016,968
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,016,550
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,016,730
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,016,837
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 3,016,949
FREDERIKS, GUIDO ROBERT 3,016,718
FREEDMAN, JONATHAN R. 3,016,458
FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG 3,016,550
FU, YANG-XIN 3,016,457
FUDAN UNIVERSITY 3,016,818
FUELCELL ENERGY, INC. 3,016,570
FUGRO N.V. 3,016,524
FUGRO ROAMES PTY LTD. 3,016,524
FUJIMURA, AKINORI 3,016,690
FUJIMURA, KEI 3,016,059
FUJISAWA, TOYOMI 3,016,809
FUKUYAMA, YOSUKE 3,016,512
FUNAUCHI, KATSUTOSHI 3,016,629
FUVI COGNITIVE NETWORK CORP 3,016,771
G.L. PHARMA GMBH 3,016,578
GAAL, PETER 3,016,573
GAAL, PETER 3,016,622
GALBRAITH, STEPHEN L. 3,016,478
GALLOWAY, ASHLEY 3,016,860
GAMBERONI, LUCA 3,016,962
GANDER, EDGAR 3,017,044
GANICHEV, IGOR 3,016,691
GAO, JINMING 3,016,457
GAO, QINGHAI 3,016,195
GAO, WEI 3,016,892
GAO, XURI 3,017,020
GARBIN, RICCARDO 3,016,824
GARBIN, RICCARDO 3,016,866
GARCIA-PEREZ, FERNANDO 3,016,043
GARTNER, MANFRED 3,016,823
GARTNER, MANFRED 3,016,828
GARTNER, ROBERT SEBASTIAN 3,016,768
GASPARI, TRACEY 3,017,028
GAUGHAN, EDWARD W. 3,016,441
GAUSLING, LUDGER 3,016,841
GAUTHIER, LAURENT 3,016,765
GE LIGHTING SOLUTIONS, LLC 3,016,820
GEDDIE, MELISSA 3,016,676
GEISLER, JOHN GERARD 3,016,465
GENDEL, YOURI 3,016,844
GENENTECH, INC. 3,016,552
GENERAL ATOMICS 3,016,732
GEORG MARTIN GMBH 3,016,486
GEORGIA TECH RESEARCH CORPORATION 3,016,667
GEORGIA-PACIFIC GYPSUM LLC 3,016,602
GERBER, MANFRED 3,016,808
GERHARD, BRIAN 3,016,600
GERISCH, MICHAEL 3,016,584
GEVER, JOEL R. 3,016,773
GIANNATTI, NICK D. 3,016,883
GIANT OAK, INC. 3,016,590
GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH 3,016,751
GILLEY, STUART BRANDON 3,016,602
GIOVANNETTI, ANTONIO 3,016,505
GIOVANNI, RICCI 3,016,659
GIUSEPPE, LEONE 3,016,659
GIVAUDAN SA 3,016,769
GLADSTONE, ROBERT C. 3,016,628
GLASS, STEPHEN C. 3,016,640
GLAXOSMITHKLINE BIOLOGICALS SA 3,016,860
GLEASON, BRIAN 3,014,061
GLEDHILL, ANDREW 3,016,597
GLISAN, ROY A. 3,016,442
GLOBALTECH CORPORATION PTY LTD 3,016,591
GOLDENBERG, DAVID M. 3,016,917
GOLDHOFER AG 3,016,449
GOLIATH SNUBBING LTD. 3,017,023
GOLLOB, LAWRENCE 3,016,602
GOMEZ-URIBE, CARLOS A. 3,016,909
GONCALVES PINTO SOARES, OLIVIA SALOME 3,016,705
GONCALVES, SERGIO MACHADO 3,003,253
GONELLA, CARLO 3,016,929
GONELLA, CARLO 3,016,930
GOOD, PAUL MICHAEL 3,016,774
GOODWIN, KEVIN 3,016,903
GOPING, ING HAN 3,016,703
GORDON, LARRY M. 3,016,810
GOSSELIN, PATRICK 3,016,851
GOSSELIN, RENE 3,016,623
GOUR, SHRUTI 3,016,708
GOVINDAN, SERENGULAM V. 3,016,917
GOWANS, JOHN PHILIP 3,016,484
GRAF, JUERGEN 3,016,477
GRAHAM, NEIL 3,016,880

GREEN, EDWARD 3,017,062
GREENWOOD, CATHERINE JEAN 3,016,582
GREIMEL, KATRIN 3,016,578
GRIFFIN, STEPHEN 3,016,679
GROMPE, MARKUS 3,016,504
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,016,652
GUBITZ, GEORG 3,016,578
GUELLER, ROLF 3,016,817
GUERRA, MAURO 3,016,946
GUESDON, MATTHIEU 3,016,974
GUIDO, PAMPALONI 3,016,659
GUNDE, TEA 3,016,870
GUPTA, CHETAN PARAG 3,016,881
GUPTA, RAJARSHI 3,016,637
GURWICZ, JOSEPH 3,016,711
GUSTAFSON, JOHAN ROBERT 3,016,766
H4 ORPHAN PHARMA 3,016,873
HAAVALDSEN, JANE HILARY THATCHER 3,016,857
HAFELE BERLIN GMBH & CO KG 3,016,505
HAGER, GERHARD 3,016,217
HAGIMONT, DANIEL 3,016,754
HAILES, HELEN CLAIRE 3,016,614
HAKANSSON, OLA 3,016,499
HALLIBURTON ENERGY SERVICES, INC. 3,016,861
HAMADA, KOICHI 3,016,980
HAMMOND, SCOTT R. 3,016,548
HAMPEL, KARL GEORGE 3,016,586
HAMPSON, BRIAN 3,016,871
HAN, DIANNA (DAN) 3,016,607
HARBAUGH, ROBIN B. 3,016,692
HARDSTONE, KATHARINE 3,017,066
HARGROVE, SCOTT STUART 3,017,025
HARKER, LYNN 3,017,019
HARRIS, CHAD TYLER 3,017,068
HARRIS, JOEL 3,016,673
HARRIS, WILLIAM J. 3,016,479
HARRISON SPINKS COMPONENTS LIMITED 3,017,064
HARRISON, CHARLES R. 3,016,602
HART, STEPHEN LEWIS 3,016,614
HARTMAN, TYCHO MARINUS 3,016,517
HARVEY, TIMOTHY GRAHAM 3,016,062
HASEGAWA, YOSUKE 3,016,850
HATI, ARMEND GAZMENO 3,016,865
HAVERHALS, LUKE 3,016,587
HAWLEY, RONALD CHARLES 3,016,773
HAWTHORNE, KATHRYNE HOLLIE 3,016,616
HE, JIANMIN 3,016,820
HEARN, BRIAN 3,016,814
HEGURI, SHIN-ICHI 3,016,924
HEIDEBRECHT, PETER 3,017,022
HEISKANEN, ISTO 3,016,868
HEITFELD, MARK 3,016,897
HEJLEH, KHALED MUFID YOUSEF 3,016,591
HELDT, DANA 3,017,062
HELMHOLTZ ZENTRUM MUNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH) 3,017,036
HENISE, JEFFREY C. 3,016,814
HENNIG, MARK KEVIN 3,016,638
HENRY, DANE 3,016,638
HENRY, JEROME A. 3,016,626
HERMAN, CRAIG 3,016,542
HERMANSSON, PATRIK 3,016,750
HESKETH, MARK 3,016,484
HESS, SEBASTIAN 3,016,450
HEUBERGER, ALBERT 3,016,550
HEYBORNE, RUSSELL D. 3,016,257
HIETBRINK, ROELANT BOUDEWIJN 3,016,674
HIFI ENGINEERING INC. 3,016,046
HIGH, DONALD 3,016,615
HIGH, DONALD R. 3,016,704
HIGH, DONALD R. 3,016,739
HIRAI, KATSUNORI 3,016,850
HIROKANE, TAKESHI 3,016,557
HITACHI CHEMICAL ADVANCED THERAPEUTICS SOLUTIONS, LLC 3,016,871
HO, PHUOC T. 3,016,864
HOCKING, SASKIA 3,016,847
HOFFMAN, STEVEN 3,016,446
HOHLWEGLER, JURGEN 3,016,217
HOJECKI, ED 3,016,600
HOLCIM TECHNOLOGY LTD 3,016,963
HOLLAND, CAM 3,016,894
HOLLISTER INCORPORATED 3,016,626
HOLLOWAY, DARCEY L. 3,016,877
HOLMES, ROBERT 3,016,833
HOLOBIOME, INC. 3,016,911
HOLTMANN, UDO 3,016,958
HOMMA, MISAKI 3,016,708
HONDA, BUDD SHAW 3,016,912
HOOEY, KIERAN 3,016,610
HORI, TAKAKO 3,016,848
HORIUCHI, AYAKO 3,016,848
HORN, GAVIN BERNARD 3,016,549
HORN, GAVIN BERNARD 3,016,586
HOTCHKISS, THOMAS 3,017,066
HOVEN, MARK 3,016,553
HOVEN, MARK L.G. 3,016,541
HS MANUFACTURING GROUP, LLC 3,016,695
HSU, JOYCE 3,016,881
HU, ANNING 3,016,881
HUANG, DANIEL 3,016,046
HUANG, GANG 3,016,457
HUANG, ZHAOHUA R. 3,016,455
HUBBARD, ANTONY 3,016,555
HUBBELL INCORPORATED 3,016,579
HUBER, DANIELA 3,016,578
HUBER, DONALD LEE 3,016,458
HUDSON, JEREMY 3,016,835
HUGHES, ANTHONY EWART 3,016,062
HULL, JOHN 3,016,046
HUMAN EXTENSIONS LTD. 3,016,514
HUNT, ALLAN KENNETH FRAZER GRUGEON 3,016,484
HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH 3,016,634
HUNTSMAN CORPORATION AUSTRALIA PTY LIMITED 3,017,030
HURRY, SIMON 3,016,884
HUSQVARNA AB 3,016,846
HYTECH POWER, INC. 3,016,456
I6 GROUP LIMITED 3,016,833
IBERT, MATHIAS 3,017,057
IBRAHIM, PRABHA 3,016,773
ICONEX LLC 3,016,559
ICONEX LLC 3,016,560
IHI CORPORATION 3,016,682
IKEDA, OSAMU 3,016,924
IMMUNOMEDICS, INC. 3,016,917
IMRAN, MIR 3,016,673
IMSHENETSKIY, VLADIMIR VLADISLAVOVICH 3,016,531
INCUBE LABS, LLC 3,016,673
INDIVIOR UK LIMITED 3,016,510
INDOOR BIOTECHNOLOGIES INC. 3,016,571
INGEVITY SOUTH CAROLINA, LLC 3,016,461
INGRAM-TEDD, ANDREW JOHN 3,016,753
INNATE PHARMA 3,016,765
INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE 3,016,754
INVENTIO AG 3,016,823
INVENTIO AG 3,016,828
INVENTIO AG 3,016,842
IO THERAPEUTICS, INC. 3,016,876
IO THERAPEUTICS, INC. 3,016,878
IRANI-COHEN, ZACKARY 3,016,735
ISHII, KENTARO 3,016,557
ISKENDERIAN, ANDREA 3,016,576
ISLAM, MUHAMMAD NAZMUL 3,016,566
ISLAM, MUHAMMAD NAZMUL 3,016,569
ISLAM, MUHAMMAD NAZMUL 3,016,574
ISLAM, MUHAMMAD NAZMUL 3,016,605
ISLAM, MUHAMMAD NAZMUL 3,016,608
ISLAM, MUHAMMAD NAZMUL 3,016,617
ISLAM, MUHAMMAD NAZMUL 3,016,624
ISLAM, MUHAMMAD NAZMUL 3,016,710
ISLAM, MUHAMMAD NAZMUL 3,016,716
ISTOC, EMIL 3,016,607
ITSKOV, KONSTANTIN OLEGOVICH 3,016,598
IWATA, KENTARO 3,016,708

IZSVAK, ZSUZSANNA 3,016,755
JABCZYNSKI, WOLFGANG 3,017,022
JALILIAN, SEYED EHSAN 3,016,046
JAMBOR, GEORGE F. 3,016,558
JANSEN, BERND 3,016,856
JANSMA, JON BENNETT 3,016,820
JANSSEN BIOTECH, INC. 3,016,894
JANSSEN PHARMACEUTICA NV 3,016,706
JARDIN-WATELET, BENEDICTE 3,016,668
JENNINGS, PHILLIP EDWARD 3,016,456
JEONG, SANGMOO 3,016,907
JG TECHNOLOGIES LLC 3,016,711
JI, TINGFANG 3,016,573
JI, TINGFANG 3,016,613
JI, TINGFANG 3,016,905
JI, ZHAOXIA 3,016,464
JIANG, JING 3,016,905
JIANG, YAJUAN 3,016,871
JIN, MEIZHONG 3,017,020
JOBES, OLIVIA J. 3,016,461
JOCHUM, HERBERT 3,017,054
JOHNSON & JOHNSON VISION CARE, INC. 3,016,904
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 3,017,066
JOHNSON, EVAN CHARLES 3,016,456
JOHNSON, RICHARD 3,016,536
JOHNSON, STEVEN J. 3,016,579
JOJIC, SINISA 3,016,227
JOJIC, SINISA 3,016,230
JOJIC, SINISA 3,016,232
JONES, MATTHEW ALLEN 3,016,615
JONES, RICHARD 3,016,847
JONES, SHERRY LYNN 3,016,454
JOSEPHS, ROBERT A. 3,016,542
JOSSE, JUAN CARLOS 3,016,936
JOSSE, JUAN CARLOS 3,017,033
JR - JOANNEUM RESEARCH FORSCHUNGSGESELLSCHAFT MBH HEALTH 3,017,044
K&N ENGINEERING, INC. 3,016,803
KAADIGE, MOHAN 3,016,892
KACZYNSKI, CHRISTINE 3,017,072
KALE, IZZET 3,016,838
KANG, SOO-YOUNG 3,016,464
KANSAI PAINT CO., LTD. 3,016,850
KANUKURTHY, KIRAN S. 3,016,877
KARLSSON, MATTIAS 3,016,846
KARNI, ZIV 3,016,756
KAROLINCZAK, PAWEL 3,016,753
KASEL, DENNIS 3,016,568
KASS, JORDEN 3,017,020
KASS, MICHAEL 3,016,337
KASS, MICHAEL 3,016,344
KATO, ATSUHIKO 3,016,552
KEHOE, JOHN 3,016,894
KELBIE, WILLIAM 3,016,484
KELLERMAN, DALLAS 3,016,329
KELLY, DANIEL L. 3,016,669
KEMYTH BIOTECH CO., LTD. 3,016,815
KENT, JUSTINE M. 3,016,706
KEREN, AMIT 3,016,514
KHABASHESKU, VALERY N. 3,016,882
KHAN, ASLAM 3,016,786
KHAN, NOMAN 3,016,462
KHOKHANI, ASHOK 3,016,636
KILIAN, GERD 3,016,550
KILLMER, JOHN L. 3,016,899
KIM, GYUN HWAN 3,002,522
KIM, HYUNG WOO 3,002,522
KIMES, NIKOLE 3,016,059
KING, NIGEL 3,017,058
KINOSHITA, YASUKO 3,016,552
KINUKAWA, MASASHI 3,016,629
KIRPOTIN, DMITRI 3,016,676
KIRPOTIN, DMITRI B. 3,016,455
KITAGAWA, HIROSHI 3,016,850
KLING, WILLIAM W. 3,016,612
KLIPFEL, YORICK 3,017,053
KLX INC. 3,016,516
KNEISSL, JAKOB 3,016,550
KOCKLER, RALF 3,016,952
KOHLI, NEERAJ 3,016,676
KOHN, ARNIM 3,016,494
KOHN, JOACHIM B. 3,016,770
KOLIBREE 3,016,448
KOMETER, KEITH R. 3,016,612
KONDUC, KAMERON WAYNE 3,016,910
KONINKLIJKE PHILPS N.V. 3,016,674
KONOWALEC, ROMAN 3,016,910
KORCZ, KRZYSZTOF 3,016,579
KOSTIC, ANA 3,016,485
KOTIAN, PRAVIN L. 3,016,588
KOUKAL, THOMAS 3,016,823
KOUKAL, THOMAS 3,016,828
KRAMER, KEITH 3,016,565
KRANZMANN, BRENDAN 3,016,920
KRASNIQI, AHMET 3,016,589
KRAUSE, JACOB C. 3,016,902
KRAYENBUEHL, THOMAS PATRICK ETIENNE 3,005,356
KREIDER, JAMES WILLIS 3,016,767
KROLL, JERRY 3,017,025
KROUTIL, WOLFGANG 3,016,578
KUDO, YOHEI 3,016,924
KULKARNI, AJAY 3,016,460
KURNIA, ALBERT 3,017,040
L.O.M. LABORATORIES INC. 3,016,960
LABORATORY CORPORATION OF AMERICA HOLDINGS 3,016,914
LABORIE MEDICAL TECHNOLOGIES CORP. 3,016,475
LABORIE MEDICAL TECHNOLOGIES CORP. 3,016,703
LADERMAN, ELISABETH 3,016,735
LAHAV, ORI 3,016,844
LAKE, ANTHONY N. 3,016,636
LAM, KIT 3,016,675
LAMB, JOSEPH 3,016,892
LAMB, STEPHEN 3,016,840
LAMBE, CANICE 3,016,286
LAMBETH, W. ANDREW 3,016,691
LAMMERS, ERIK FREDERIK GERARDUS 3,017,021
LAMOUREUX, STEPHEN 3,016,919
LANDAU, SAMUEL 3,016,448
LANDAVAZO, FRED, IV 3,016,468
LANG, DIETER 3,016,584
LANG, PHILIPP K. 3,016,604
LANGSTON, MARIANNE 3,016,708
LANXESS DEUTSCHLAND GMBH 3,016,947
LANXESS DEUTSCHLAND GMBH 3,016,958
LAW, DOUGLAS J. 3,016,639
LBI-LVR - LUDWIG BOLTZMANN INSTITUTE LUNG VASCULAR RESEARCH OF THE LUDWI 3,017,044
LEAH, ROBERT 3,016,806
LEBLON, COURTNEY 3,016,871
LECHNER, DORIS 3,016,578
LECOMTE, JEREMIE 3,016,730
LECOMTE, JEREMIE 3,016,837
LECOMTE, JEREMIE 3,016,949
LEE, HUEY WEN 3,017,028
LEE, JIN 3,016,860
LEE, SOO BUM 3,016,549
LEE, STEWART 3,016,845
LEE, TERRY W. 3,017,026
LEFEBVRE, LOIC 3,016,962
LEHMAN, JOSEPH M. 3,016,454
LEHMAN, JOSEPH M. 3,016,612
LEHNERT, CHRISTOPHER 3,016,812
LENG, CHIH-HSIANG 3,016,815
LEONHARD KURZ STIFTUNG & CO. KG 3,016,661
LEPOUDRE, PHILIP PAUL 3,016,808
LEPSELTER, JOSEPH 3,016,756
LEVEL 3 COMMUNICATIONS, LLC 3,016,887
LEWIS, KIM 3,016,911
LEY, DAVID J. 3,016,640
LI, DONGJIAN 3,016,443
LI, FU 3,016,485
LI, GUANGUAN 3,016,491
LI, JUNYI 3,016,566
LI, JUNYI 3,016,569
LI, JUNYI 3,016,574
LI, JUNYI 3,016,605
LI, JUNYI 3,016,608
LI, JUNYI 3,016,617
LI, JUNYI 3,016,624
LI, JUNYI 3,016,710
LI, JUNYI 3,016,716
LI, SONG 3,016,258
LI, WEI 3,017,020
LIMITED LIABILITY COMPANY "NEW GAS TECHNOLOGIES-SYNTHESIS" (LLC "NGT-SYNTHESIS") 3,016,531
LIN, CHUAN 3,016,820
LIN, DIN L. 3,016,059
LIN, JEN 3,016,723
LIN, JEN 3,016,761
LIN, YONG 3,016,880
LINDBERG, JONAS 3,016,748

LINDE AKTIENGESELLSCHAFT 3,016,621
LINDLEY, JACOB 3,016,558
LINDSEY, DON R. 3,016,612
LIQUIDIA TECHNOLOGIES, INC. 3,016,860
LIQUIGRO HOLDINGS (PROPRIETARY) LIMITED 3,016,964
LISCHINER, JOSEPH IZRAILEVICH 3,016,531
LIU, LI 3,016,910
LIU, NINGSHU 3,016,584
LIU, ZENGSHE 3,016,587
LIVESCU, SILVIU 3,016,872
LIVESLEY-JAMES, COURTLAND 3,016,610
LIVESTOCK IMPROVEMENT ASSOCIATION OF JAPAN, INC. 3,016,629
LIVING PROOF, INC. 3,016,464
LOBNER, ERIC C. 3,016,877
LOEHR, JOACHIM 3,016,848
LOEW, ANDREAS 3,016,563
LOKARE, SHRINIVAS 3,016,593
LOPEZ, MARIO 3,016,058
LORENTZ, LOTHAR 3,016,494
LORENTZ, LOTHAR 3,016,498
LOS ANGELES BIOMEDICAL RESEARCH INSTITUTE AT HARBOR-UCLA MEDICAL CENTER 3,016,810
LOWE, RANDALL D., JR. 3,016,925
LOWINGER, TIMOTHY B. 3,016,474
LUA, JAMES HUANG 3,016,454
LUCAS, FRANKLIN LEE, JR. 3,016,458
LUCEY, DERRICK 3,016,442
LUDELA, INC. 3,016,715
LUGOVSKY, ALEXEY 3,016,676
LUMMUS TECHNOLOGY LLC 3,016,593
LUND, BENJAMIN R. 3,016,532
LUNDSGAARD, SOREN, K. 3,016,599
LUNNEMANN, ROBERT 3,016,897
LUO, HUIBING 3,016,826
LUO, HUIBING 3,016,830
LUO, MIN 3,016,457
LUO, TAO 3,016,566
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LUO, TAO 3,016,624
LUO, TAO 3,016,710
LUO, TAO 3,016,716
LUO, TAO 3,016,905
LUTHE, GREGOR 3,016,841
LUTZ, NORBERT 3,016,661
LYDECKER, STEPHEN HAIGHT 3,016,526
LYNCH, SUSAN V. 3,016,059
LYYTIKAINEN, KATJA 3,016,868
M-I L.L.C. 3,016,897
MACDONALD, SUSAN 3,016,759
MACHATHA, STEPHEN GITU 3,016,759
MACLAREN, ROBERT E. 3,016,492
MADISON, TED K. 3,016,877
MAEDA, KAZUHIRO 3,016,708
MAERZ OFENBAU AG 3,016,821
MAGIC LEAP, INC. 3,016,337
MAGIC LEAP, INC. 3,016,344
MAGNA EXTERIORS INC. 3,016,511
MAGNES, CHRISTOPH 3,017,044
MALGAT, ALEXANDRE 3,016,678
MALMQVIST, PER-OLOF 3,016,832
MALOVA, OLGA VASILYEVNA 3,016,531
MANIFOLD, JOHN ALLEN 3,016,066
MANOLAKOS, ALEXANDROS 3,016,905
MARDEL, JAMES IVAN 3,016,062
MARGAVIO, PATRICK 3,016,547
MARICEVIC, ZORAN 3,017,061
MARKLEY, TRACEY ANNE 3,016,062
MARKS, JAMES D. 3,016,676
MARKS, NATALIE C. 3,016,925
MARROQUIN BELAUNZARAN, OSIRIS 3,016,752
MARSOLAIS, PIERRE 3,016,623
MARTIN, CHRISTOPH 3,016,486
MARTIN, DONALD E. 3,016,693
MASONITE CORPORATION 3,016,612
MASTRI, DOMINICK 3,016,201
MASTROIANNI, ALEXANDER J. 3,016,925
MATHUR, SHARAD 3,016,636
MATTHEWS, GARY R. 3,012,935
MATTINGLY, TODD DAVENPORT 3,016,615
MATTOS, ALEXANDER 3,016,833
MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT 3,016,755
MAY, ERIC 3,016,555
MAYHALL, MARC 3,016,931
MAZYAR, OLEG A. 3,016,882
MCCORMICK, DAMON 3,016,616
MCCRACKEN, KYLE 3,016,641
MCDERMOTT, JOSEPH E. 3,016,469
MCELHINNEY, ADAM 3,016,585
MCFARLAND, WILLIAM 3,016,195
MCKISIC, AUBRA D. 3,016,709
MCLAUGHLIN, PATRICK D. 3,016,899
MCLEOD, MICHAEL ALLEN 3,016,931
MCMANAWAY, MICHAEL C. 3,016,900
MCNAUGHTON, ALYN BRANDON 3,016,510
MCQUILLAN, JOHN F., JR. 3,016,698
MEDCARA PHARMACEUTICALS, LLC 3,016,542
MEHIO, NIZAR YOUSSEF 3,016,694
MEKIC, NATASA 3,016,861
MELLIN, GUSTAV ANDRE 3,016,066
MEMORIAL SLOAN KETTERING CANCER CENTER 3,016,907
MEMORIAL SLOAN-KETTERING CANCER CENTER 3,016,665
MENDES PINTO DE SA, CARLOS ALBERTO 3,016,705
MENG, FENGHUA 3,016,655
MEREO BIOPHARMA 1 LIMITED 3,016,488
MERIT MEDICAL SYSTEMS, INC. 3,016,257
MERKEL, FELIX 3,016,449
MERLIN, SIMONE 3,016,627
MERLIN, SIMONE 3,016,718
MERRIMACK PHARMACEUTICALS, INC. 3,016,455
MERRIMACK PHARMACEUTICALS, INC. 3,016,676
MERSANA THERAPEUTICS, INC. 3,016,474
MESSING, RALF 3,016,968
MEYER, ANDREAS 3,016,937
MEYER, SEBASTIAN 3,016,870
MICHALAK, PAWEL 3,016,524
MICHAUD, PAUL EDGAR 3,016,593
MIKIC, ERZAD 3,016,937
MILANDOU, KEVIN 3,016,974
MILNE, STUART 3,016,840
MINZONI, MIRKO 3,016,678
MIRAVALLS, NICOLAS 3,016,963
MIRZAAGHAEIAN, AMIN HADI 3,016,536
MITOCHON PHARMACEUTICALS, INC. 3,016,465
MITSUBISHI ELECTRIC CORPORATION 3,016,690
MITSUBISHI GAS CHEMICAL COMPANY, INC. 3,016,557
MITSUNAGA, REO 3,016,757
MITTER, BIRGIT 3,016,961
MIU, STEPHEN 3,016,651
MIYAKE, NAOKI 3,016,545
MIZUNO, MASAHIRO 3,016,708
MOBILE ELECTRONICS, INC. 3,016,630
MOGHADDAM, DAVOOD GHADIRI 3,016,808
MOHAMMADI, FATEMEH 3,016,619
MOHD MUSTAPA, MOHD FIROUZ 3,016,614
MOIREAU, PATRICK 3,016,701
MOLA, MICHELE 3,016,766
MOLINA, FRANCK 3,016,657
MOLLOY, STEPHEN ARTHUR 3,016,625
MONASH UNIVERSITY 3,017,028
MONTEYNE, TINNE 3,016,500
MONTGOMERY, DAVID 3,016,893
MONTGOMERY, KATHRYN 3,016,468
MONTOJO, JUAN 3,016,551
MONTOJO, JUAN 3,016,622
MOOG BV 3,016,839
MOOG BV 3,016,853
MOOG BV 3,016,863

MOREIRA PATRICIO, MARIA INES 3,016,492
MORI, TATSUYA 3,016,757
MORIM FIGUEIREDO RAMOA, ANA FLORINDA 3,016,705
MORISHITA, TAKAMI 3,016,557
MORISHITA, TOMOE 3,016,557
MORPHOTRUST USA, LLC 3,016,651
MORRELL, CARL 3,017,058
MORRISON, JOHN L. 3,016,537
MORRISON, WILLIAM H. 3,016,537
MORROW, STEPHEN D. 3,014,061
MOSCHOS, STERGHIOS A. 3,016,838
MOSELEY, LORNE RANDALL 3,016,516
MOSELLE, BLAKE C. 3,016,640
MOSHER, CHARLES C. 3,016,470
MOSS, N. RYAN 3,016,664
MOTOROLA SOLUTIONS, INC. 3,016,640
MOVE BIKES GMBH 3,016,481
MOVE BIKES GMBH 3,016,489
MROCHEN, MICHAEL 3,016,965
MUDDANA, SANTOSH 3,016,688
MUECK, BENGT 3,016,217
MUG - UNIVERSITATSKLINIK FUR INNERE MEDIZIN, MEDIZINISCHE UNIVERSITAT GR 3,017,044
MUKERJEE, SUBHASISH 3,016,806
MUKKAVILLI, KRISHNA KIRAN 3,016,613
MULLANEY, MICHAEL 3,016,256
MUMFORD, DAVID K. 3,016,813
MUNI, KETAN P. 3,016,696
MUNSHI, AMIT DILIP 3,016,686
MURAD, LUIZ 3,016,699
MURAD, MICHAEL 3,016,513
MURCIA, MICHAEL 3,016,920
MURUGESAN, SANKARAN 3,016,882
MUSGRAVE, DAMYN 3,016,484
MUTALIK, VENKATESH G. 3,017,061
MYA SARAY, LLC 3,016,694
MYRIAD INTERNATIONAL GMBH 3,016,677
NAGY, BENCE M. 3,017,044
NAKAZAWA, YOSHIAKI 3,016,980
NAMGOONG, JUNE 3,016,905
NANCEKIEVILL, ALEX 3,016,840
NANDHA PREMNATH, SRIRAM 3,016,637
NAPIERALA, CHRISTIAN FRANK 3,016,968
NARATH, SOPHIE 3,017,044
NARITA, YOSHINORI 3,016,552
NASERI, SARA 3,016,495
NATARAJAN, CHANDRASHEKAR 3,016,615
NATIONAL OILWELL VARCO, L.P. 3,016,460
NATIONAL OILWELL VARCO, L.P. 3,016,910
NATURE'S SUNSHINE PRODUCTS, INC. 3,016,892
NATURSPEICHER GMBH 3,016,058
NEGAHDAR, ALI 3,016,611
NENTWICH, OLIVER 3,016,582
NESTEC S.A. 3,016,734
NESTEC S.A. 3,017,040
NETFLIX, INC. 3,016,906
NETFLIX, INC. 3,016,909
NEUMANN, BRETT A. 3,016,461
NEUMANN, BRUCE 3,016,620
NEW YORK STEM CELL FOUNDATION, INC. 3,016,575
NEWMAN, MICHAEL D. 3,016,621
NEXANS 3,016,774
NGO-CHU, DON Q. 3,016,696
NGUYEN, PHU-VINH 3,016,771
NICIRA, INC. 3,016,691
NICOLAS, YANN 3,016,448
NICOZISIS, JONATHAN L. 3,016,536
NIGHTSTARX LIMITED 3,016,492
NIJLAND, WILHELM JAN 3,016,517
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,016,731
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,016,980
NISHIZAWA, KOICHI 3,016,731
NISSAN MOTOR CO., LTD. 3,016,512
NISSAN MOTOR CO., LTD. 3,016,988
NISSAN MOTOR CO., LTD. 3,016,990
NLS-1 PHARMA AG 3,016,852
NOBLE, CHARLES 3,016,455
NOESSNER, ELFRIEDE 3,017,036
NOFFKE, NILS 3,016,968
NOGGLE, SCOTT 3,016,575
NOLAN, CHRISTOPHER D. 3,017,063
NORDBERG, HENRIK 3,016,794
NORDOVO BIOSCIENCES AS 3,016,865
NORMAN, PETER 3,016,672
NORTEK AIR SOLUTIONS CANADA, INC. 3,016,808
NORTON, ANGELA W. 3,016,576
NOVELIS INC. 3,016,699
NOVOMATIC AG 3,016,227
NOVOMATIC AG 3,016,230
NOVOMATIC AG 3,016,232
NOVOMATIC AG 3,016,568
NUMAB INNOVATION AG 3,016,870
NUOVO PIGNONE TECNOLOGIE SRL 3,016,824
NUOVO PIGNONE TECNOLOGIE SRL 3,016,829
NUOVO PIGNONE TECNOLOGIE SRL 3,016,866
NYHUS, MICHAEL 3,016,887
O'CONNOR, RYAN J. 3,016,043
O'CONNOR, RYAN J. 3,016,044
OCADO INNOVATION LIMITED 3,016,753
OCEAN SPRAY CRANBERRIES, INC. 3,016,462
OCEANEERING INTERNATIONAL, INC. 3,016,523
OCV INTELLECTUAL CAPITAL, LLC 3,016,701
ODIN TARGET AB 3,016,672
OGATA, KORETAKA 3,016,539
OGINO, TOMOHIKO 3,016,690
OGURO, YUYA 3,016,708
OHSE, JEREMY 3,016,541
OHSE, JEREMY 3,016,547
OHSE, JEREMY 3,016,553
OHTOMO, TOSHIHIKO 3,016,552
OKATANI, TAKAYUKI 3,016,539
OLIVEIRA PROZIL, SONIA 3,016,705
OLSCHEWSKI, ANDREA 3,017,044
OLSCHEWSKI, HORST 3,017,044
OLSSON, TONY 3,016,750
OMODAKA, MASAAKI 3,016,731
OPERR TECHNOLOGIES, INC. 3,016,572
OPGEN, INC. 3,016,632
OR, YAT SUN 3,017,020
OREGON HEALTH & SCIENCE UNIVERSITY 3,016,504
ORFORD, COLIN 3,016,488
ORISYUK, ALEXANDER 3,017,063
ORPHELIA PHARMA 3,016,851
ORTIZ, EDISON U. 3,017,026
OSBORNE, JOSEPH 3,016,062
OTSUKA, KENICHIRO 3,016,980
OU, JOSEPH J. 3,016,892
OUDE GROTEBEVELSBORG, WILLEM JAN 3,016,929
OUDE GROTEBEVELSBORG, WILLEM JAN 3,016,930
OVD KINEGRAM AG 3,016,661
OVEDHE, WILFRED 3,016,639
OVERTHUN, THOMAS 3,016,450
OXEIA BIOPHARMACEUTICALS, INC. 3,016,686
OXY VINYLS, LP 3,016,565
OZAKI, YOSHITOMO 3,016,924
OZERDIM, CAGLAR 3,016,709
PAGOULATOS, NIKOLAOS 3,016,903
PAILOOR, RAMACHANDRA 3,016,903
PALASSIS, CHRISTOPHER JOHN 3,016,594
PALASSIS, CHRISTOPHER JOHN 3,016,601
PAN, CLARK 3,016,576
PANARA, DANIELE 3,016,829
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 3,016,848
PANTHER, ALEXANDER GYLES 3,017,068
PAP, PAUL 3,016,918
PAQUIN, SYLVAIN 3,016,970
PARE, J. R. JOCELYN 3,017,029
PARK, PETER U. 3,016,474
PARK, VINCENT DOUGLAS 3,016,586
PARKIN, JACQUELINE 3,016,488
PARRINO, JANIE 3,016,880
PASHOV, ILIAN 3,016,217
PASSMAN, JOSEPH ARTHUR 3,016,513
PATEL, RAHUL 3,016,880
PATEL, SHIMMAN ARVIND 3,016,622
PATIL, SIDDHESH DINANATH 3,016,708
PAULSON, PETER O. 3,017,041
PAVLOVIC, MARKO 3,017,026

PCHELINTSEV, DENIS VASILYEVICH 3,016,531
PEARCE, LLOYD 3,016,845
PEARCE, TONY M. 3,016,700
PEARCE, TONY M. 3,016,702
PEARCE, TONY M. 3,016,707
PEARCE, TONY M. 3,016,874
PELLETIER, BENOIT 3,016,685
PENG, XIAOWEN 3,017,020
PENS, YEVGENY 3,016,756
PENTHALA, NARSIMHA REDDY 3,016,465
PERENTES, ALEXANDRE 3,016,734
PERI GMBH 3,016,937
PERLMUTTER, NANCY GAIL 3,016,767
PERRINJAQUET, MARC 3,017,053
PERSSON, TONY 3,016,748
PETERS, DIRK GIJSBERTUS 3,016,517
PETERSON, SEAN R. 3,016,664
PETRAUSCH, ULF 3,016,752
PETRETTO, FRANK 3,016,685
PETRY, CHRISTOPH 3,016,677
PFAFFENBICHLER, NIKOLAUS 3,016,961
PFEIFER, STEFAN 3,016,952
PFEIL, MATHIAS 3,016,683
PFIZER INC. 3,016,867
PHAN, CHRISTOPHER U. 3,016,536
PHARMALEADS 3,016,962
PHILIP MORRIS PRODUCTS S.A. 3,016,595
PHILIP MORRIS PRODUCTS S.A. 3,016,678
PHILIP MORRIS PRODUCTS S.A. 3,016,859
PHILIP MORRIS PRODUCTS S.A. 3,017,053
PICCIONE, ROSALIE 3,016,600
PICKELL, MARK D. 3,016,639
PIEPENBURG, OLAF 3,016,582
PIERMATTEO, CIRO 3,017,038
PIKE, KURT GORDON 3,017,035
PILOT ENERGY SOLUTIONS, LLC 3,016,535
PINDER, ELLIS A. 3,016,640
PINTO, CANDIDO DIONISIO 3,016,987
PIONEER HI-BRED INTERNATIONAL, INC. 3,016,487
PIRINGER, HANNES 3,016,821
PIRON, CAMERON ANTHONY 3,017,070
PITLUK, ZACHARY 3,016,890
PLAKOUS THERAPEUTICS, INC. 3,016,606
PLETNEV, ALEXANDER G. 3,016,697
PLUME DESIGN, INC. 3,016,195
PODER, DANIEL 3,016,651
POE, MICHAEL, MING-JIN 3,016,491
POHLHAUS, PATRICK 3,016,860
POLING, LAURA L. 3,016,474
POLITZ, OLIVER 3,016,584
POLO MESTRE, VICENTE 3,017,072
POLYTEX SPORTBELAGE PRODUKTIONS-GMBH 3,016,856
PONZONE, HECTOR JOSE MAXIMILIANO 3,005,157
POON, MELANIE C. K. 3,016,594
POPEJOY, WILLIAM 3,016,746
PORAS, HERVE 3,016,962
PORTA, SANTIAGO GALVEZ 3,016,862
POTTER, RUSSELL DAVID 3,005,356
POTTER, WILLIAM JOHN 3,016,441
PPC BROADBAND, INC. 3,016,888
PRADUN, JAMES N. 3,016,540
PRADUN, JAMES N. 3,016,541
PRADUN, JAMES N. 3,016,553
PRETI, ROBERT 3,016,871
PRIM, ERIC 3,016,535
PROCTOR, LEE M. 3,016,640
PROKOP, ANDREAS 3,016,763
PROLYNX LLC 3,016,814
PROVERIS SCIENTIFIC CORPORATION 3,016,890
PROVISUR TECHNOLOGIES, INC. 3,016,043
PROVISUR TECHNOLOGIES, INC. 3,016,044
PROXIMAGEN GROUP LIMITED 3,017,065
PRYOR, GLEN F. 3,016,043
PRYOR, GLEN F. 3,016,044
PUJOL, JEAN-FRANCOIS 3,016,657
PUP GROUP PTY LTD 3,016,918
PURE TECHNOLOGIES LTD. 3,017,041
PURITCH, GEORGE 3,016,763
PURPLE INNOVATION, LLC 3,016,700
PURPLE INNOVATION, LLC 3,016,702
PURPLE INNOVATION, LLC 3,016,707
PURPLE INNOVATION, LLC 3,016,874
PUTCHA, SAI PHANEENDRA SRI HARSHA VISWANATH 3,016,902
Q30 SPORTS SCIENCE, LLC 3,016,454
QIU, YAO-LING 3,017,020
QUALCOMM INCORPORATED 3,016,260
QUALCOMM INCORPORATED 3,016,549
QUALCOMM INCORPORATED 3,016,551
QUALCOMM INCORPORATED 3,016,566
QUALCOMM INCORPORATED 3,016,569
QUALCOMM INCORPORATED 3,016,573
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QUALCOMM INCORPORATED 3,016,622
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QUALCOMM INCORPORATED 3,016,625
QUALCOMM INCORPORATED 3,016,627
QUALCOMM INCORPORATED 3,016,637
QUALCOMM INCORPORATED 3,016,710
QUALCOMM INCORPORATED 3,016,716
QUALCOMM INCORPORATED 3,016,718
QUALCOMM INCORPORATED 3,016,721
QUALCOMM INCORPORATED 3,016,905
QUANDT, JEREMY 3,016,540
QUANDT, JEREMY J. 3,016,541
QUANDT, JEREMY J. 3,016,553
QUANG-TIEN, NGO 3,017,072
QUEENSLAND UNIVERSITY OF TECHNOLOGY 3,016,812
QUICK CONNECTORS, INC. 3,016,447
QURASENSE, INC. 3,016,495
RAHIMI-KESHARI, KAYVAN 3,016,907
RAHMAN, MAHFUJUR 3,016,806
RAUTER, HOLGER 3,016,618
RAVETCH, JEFFREY V. 3,016,534
RAYTHEON COMPANY 3,016,864
READ, ANDREW 3,016,937
REGADAS PINTO DE SA, VERA LUCIA 3,016,705
REGAN, CHIRSTOPHER M. 3,016,932
REGENERON PHARMACEUTICALS, INC. 3,016,880
REHAN, VIRENDER K. 3,016,810
REICHENBERGER, GUNTHER 3,016,961
REID, STEPHEN 3,016,862
REISMAN, JULIANA P 3,016,820
REISNER, HENRY 3,017,025
REITZ, LEE 3,016,709
RENGARAJAN, BALAJI 3,016,195
RENNER, CHRISTOPH 3,016,752
RHODE ISLAND HOSPITAL 3,016,592
RIBEIRO PEREIRA, MANUEL FERNANDO 3,016,705
RICHARDSON, PETER 3,017,065
RICHMAN, JESSICA 3,016,891
RICHMOND, JOSHUA LEE 3,017,070
RICO ALVARINO, ALBERTO 3,016,622
RICOH COMPANY, LTD. 3,016,539
RIDGWAY, DOUGLAS 3,014,061
RIESING, JOHANN 3,016,961
RIPEPI, MARK 3,016,442
RIPSHOT ENTERPRISES CORPORATION 3,016,610
RIZZO, EMANUELE 3,016,829
ROBERT, JOERG 3,016,550
ROBINSON, BRIAN K. 3,016,804
ROBINSON, JOSEPH WILLIAM 3,016,484
ROCHLITZER, MARCUS 3,016,481
ROCHLITZER, MARCUS 3,016,489
ROCKWEILER, TONY 3,016,632
RODEN, STEPHEN 3,016,286
RODRIGUEZ, LEONARDO CORTES 3,016,931
RODRIGUEZ, SAUL 3,016,607
ROEDERER, FRANCOIS 3,016,701
ROHDE, JOHN P. 3,016,541
ROHRL, WOLFGANG 3,016,751
ROIMICHER, MARCOS D. 3,016,603
ROJO, MIGUEL A. 3,016,601
ROLLINGER, ADRIEN BERNARD VINCENT 3,016,970
ROOSE, RIK 3,016,725
ROQUETTE FRERES 3,017,057
ROSALES, JORGE LUIS 3,016,625
ROSEN, MICHAEL 3,016,711
ROSINGER, CHRISTOPHER HUGH 3,016,494
ROTTLAND, JORG 3,016,217

ROVIRA, JAIME LEONARDO 3,016,881
ROY, LILLY 3,016,708
ROY, SOUMYA 3,016,462
ROYAL BANK OF CANADA 3,017,026
RUCHET, CHRISTOPHE 3,016,236
RUNKIS, WALTER H. 3,016,693
RUNNER, GREGORY 3,016,201
RUSSEL, RAY 3,016,812
RUSSELL, BRIAN 3,016,664
RUSSELL, BRIAN 3,016,670
RUSSELL, MICHAEL 3,016,523
RUSSELL, MICHAEL 3,016,906
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 3,016,770
RUTLEDGE, RUPERT 3,016,840
RUZICKA, PAUL J. 3,016,603
RYBOQUIN COMPANY LTD 3,016,614
RYNERSON, JAMES M. 3,016,546
S.A. LHOIST RECHERCHE ET DEVELOPPEMENT 3,016,768
SADIQ, BILAL 3,016,566
SADIQ, BILAL 3,016,574
SADIQ, BILAL 3,016,605
SADIQ, BILAL 3,016,608
SADIQ, BILAL 3,016,617
SADIQ, BILAL 3,016,624
SADIQ, BILAL 3,016,710
SADIQ, BILAL 3,016,716
SAES, MARC 3,016,526
SAFRAN 3,016,970
SAKANAKA, KOJI 3,016,809
SALTERS, BART ANDRE 3,016,674
SALVETAT, NICOLAS 3,016,657
SAMARAJEEWA, DEEPAL 3,016,763
SAMPATH, ASHWIN 3,016,569
SAMPATH, ASHWIN 3,016,574
SAMPATH, ASHWIN 3,016,605
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